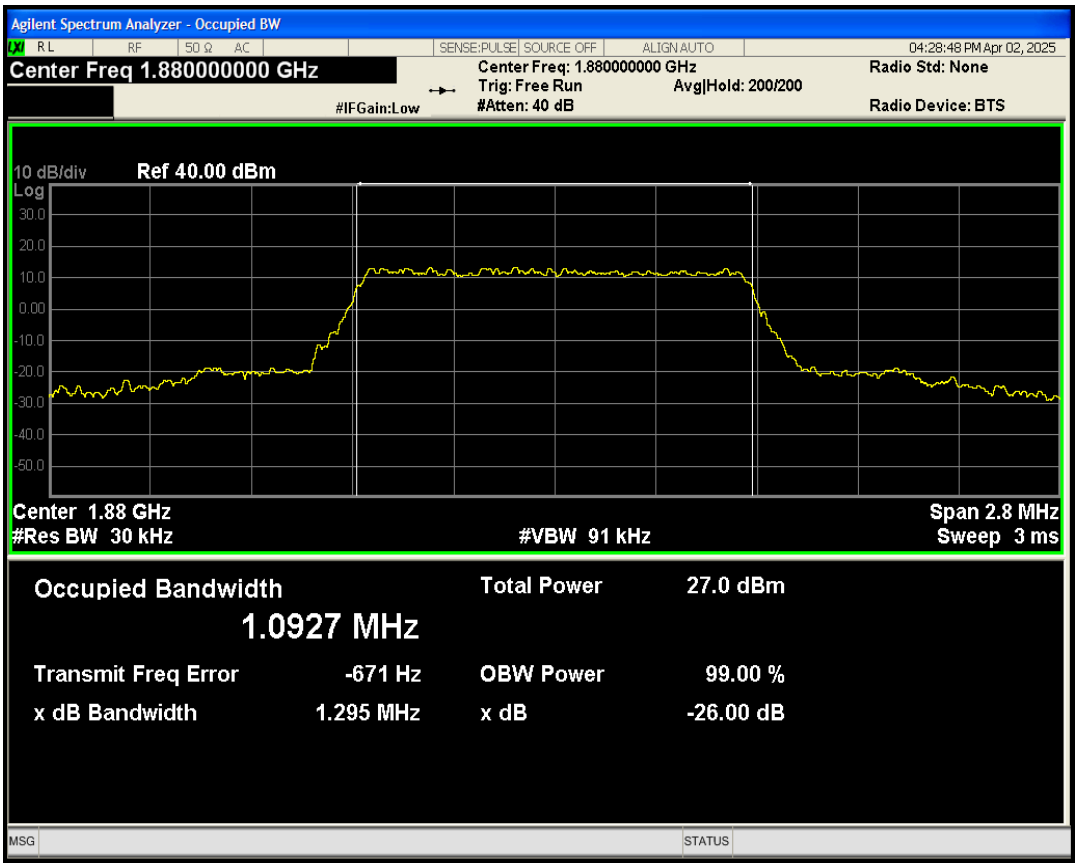
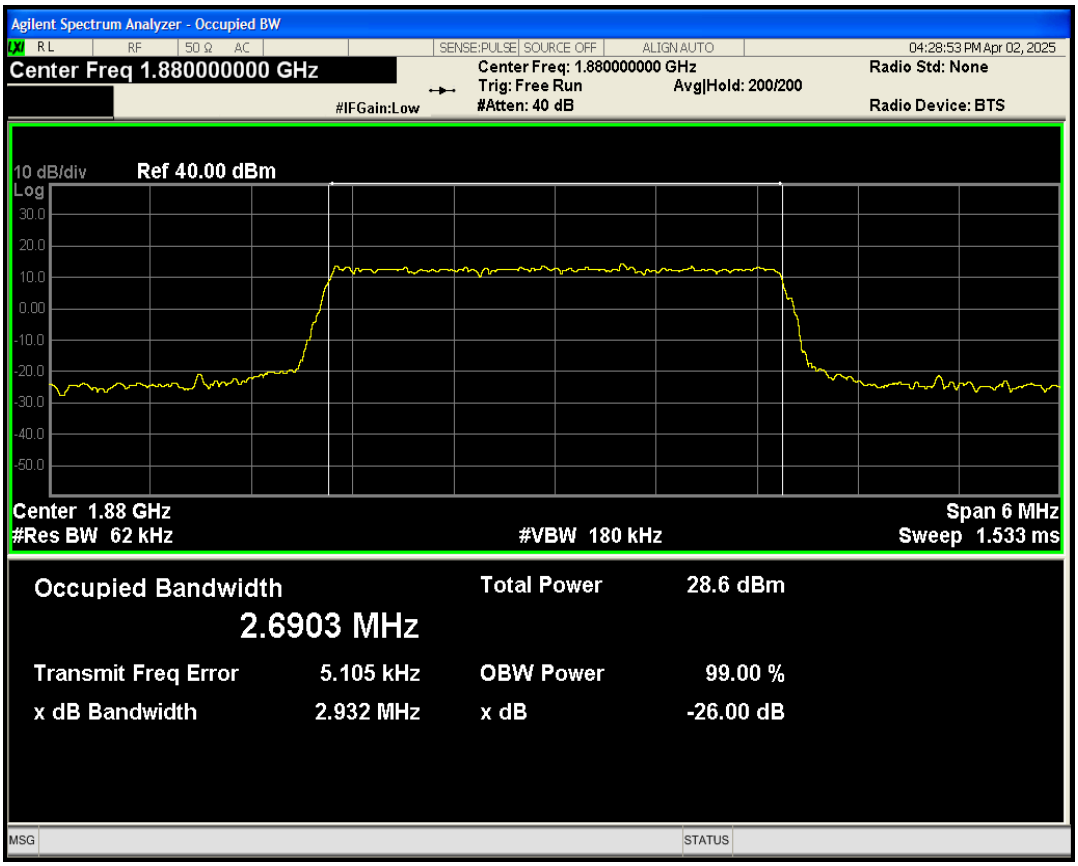
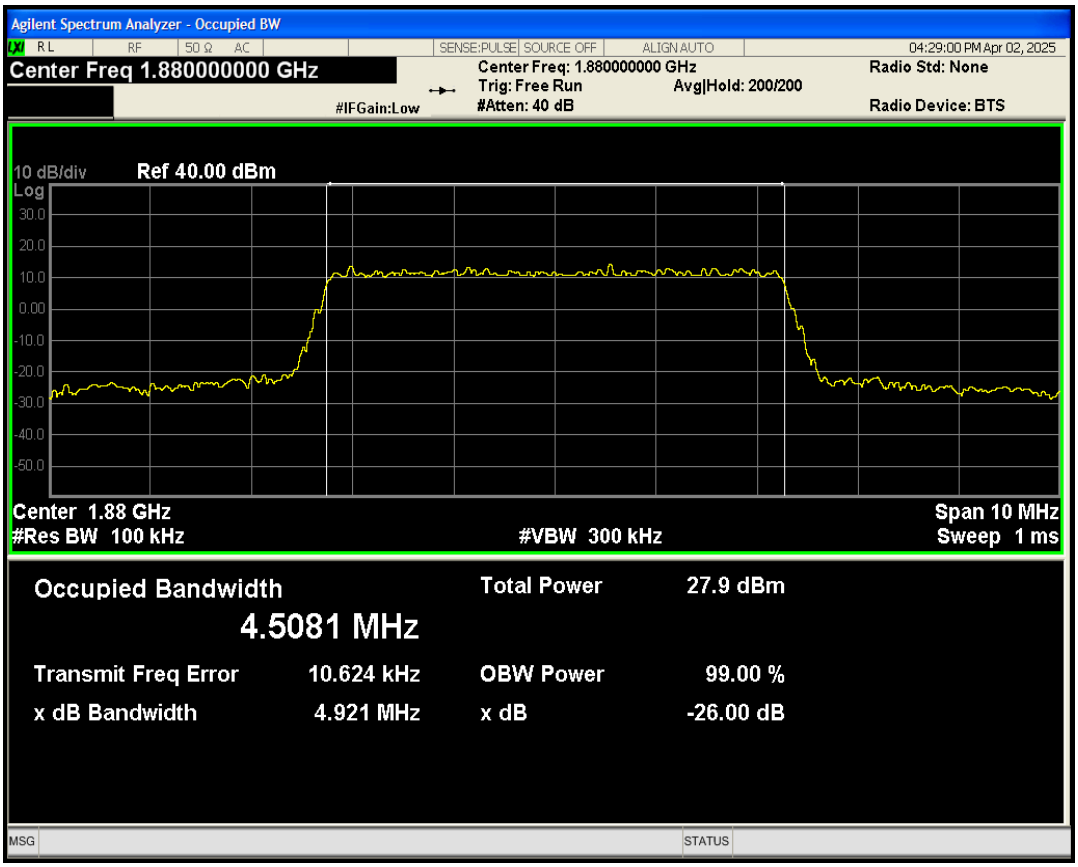


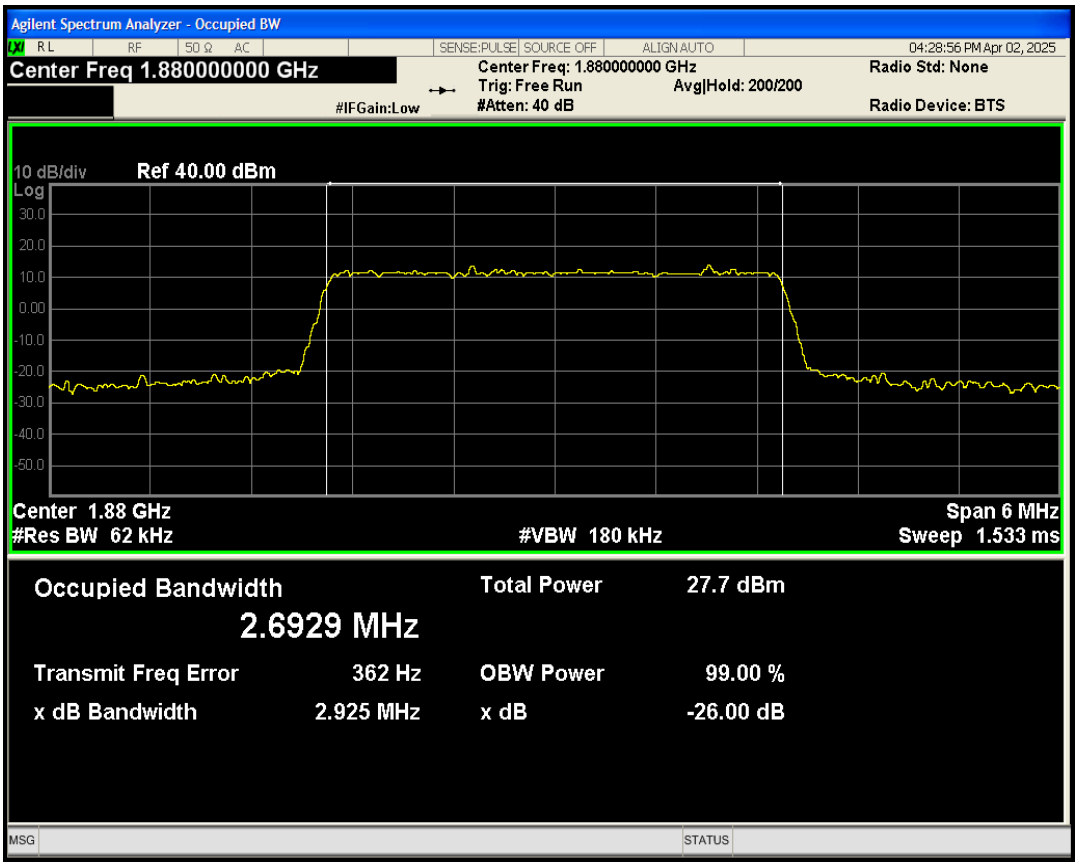
Band2 QPSK BW=3MHz Channel=18900 RB Size=15 Position=#0



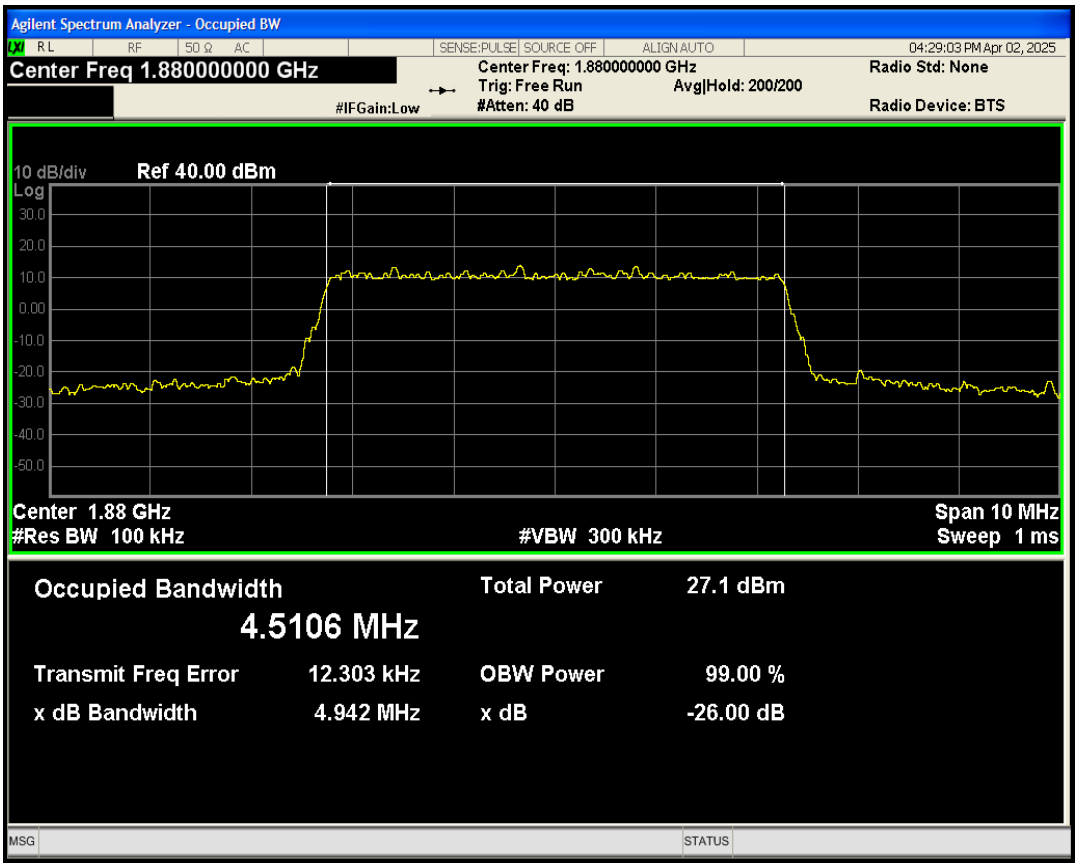
Band2 QPSK BW=5MHz Channel=18900 RB Size=25 Position=#0



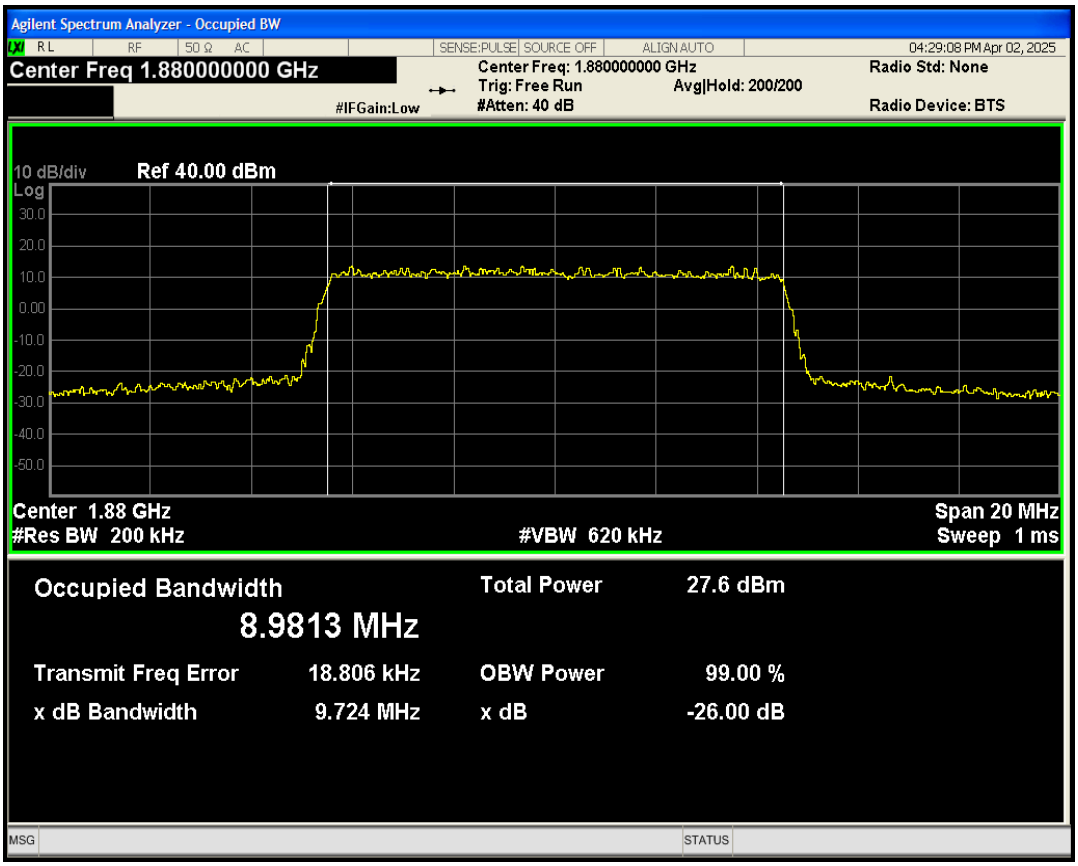
Band2 QAM16 BW=3MHz Channel=18900 RB Size=15 Position=#0



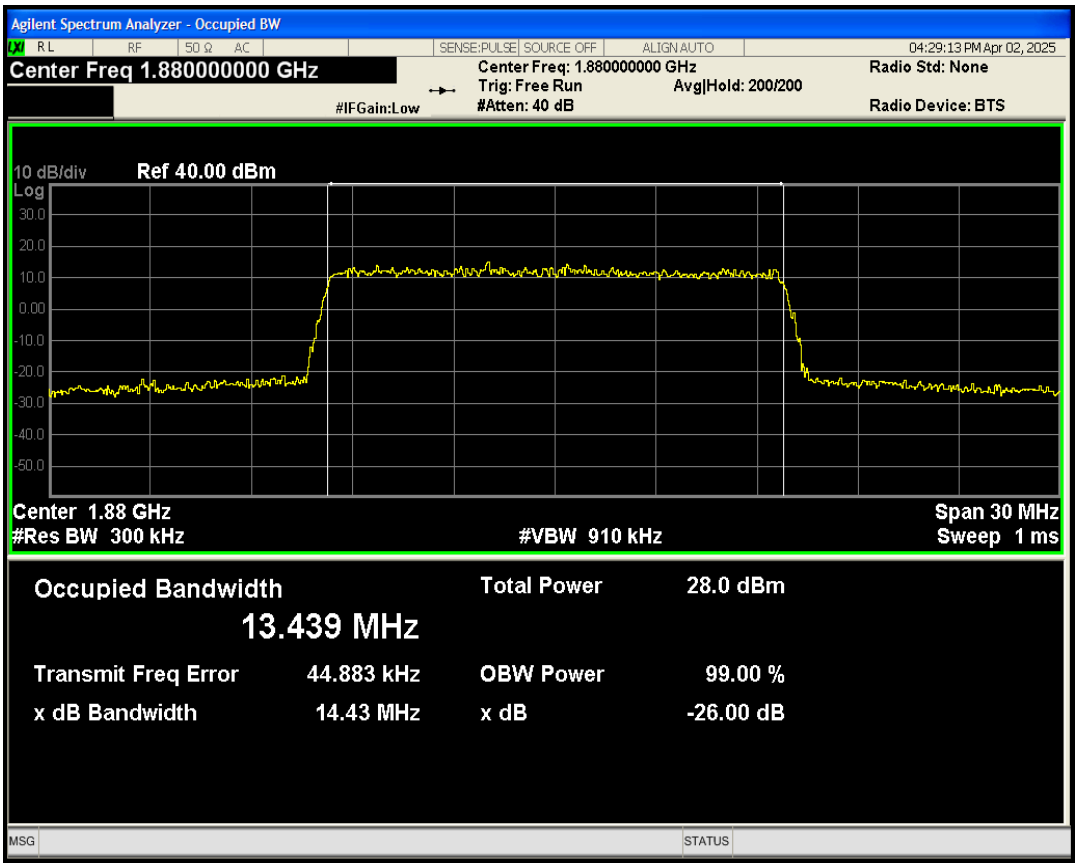
Band2 QAM16 BW=5MHz Channel=18900 RB Size=25 Position=#0



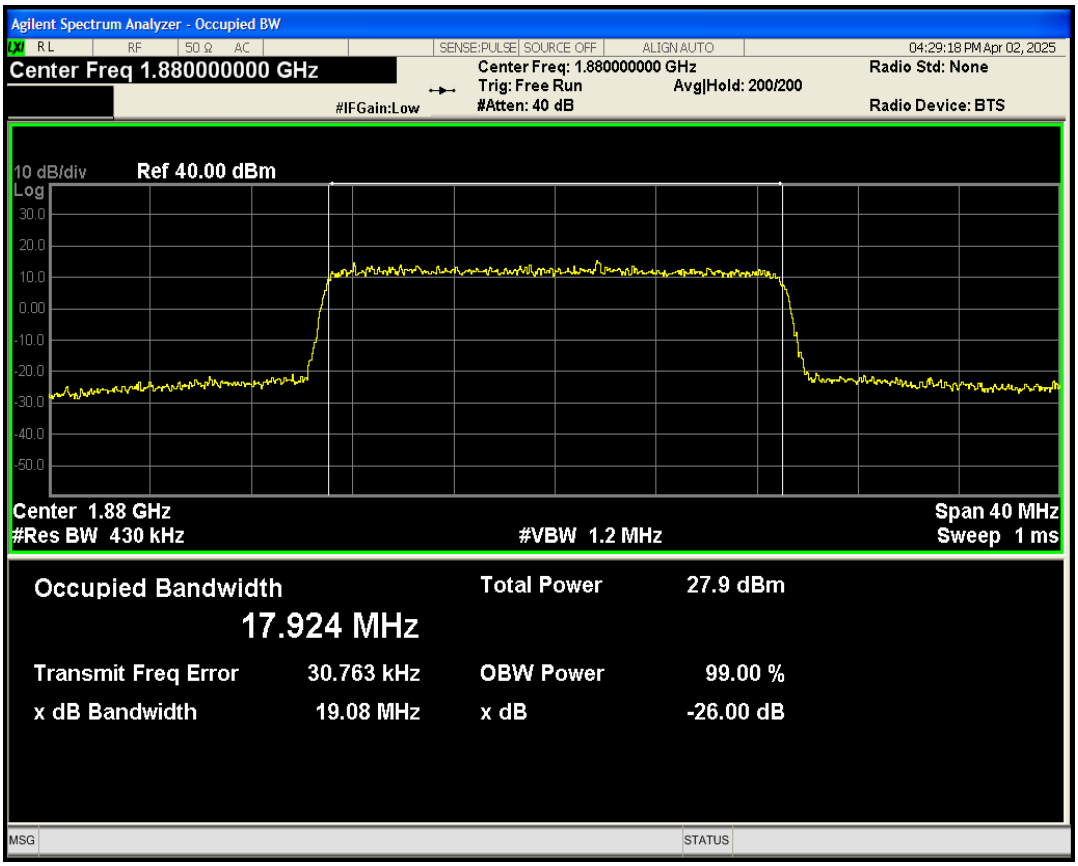
Band2 QPSK BW=10MHz Channel=18900 RB Size=50 Position=#0



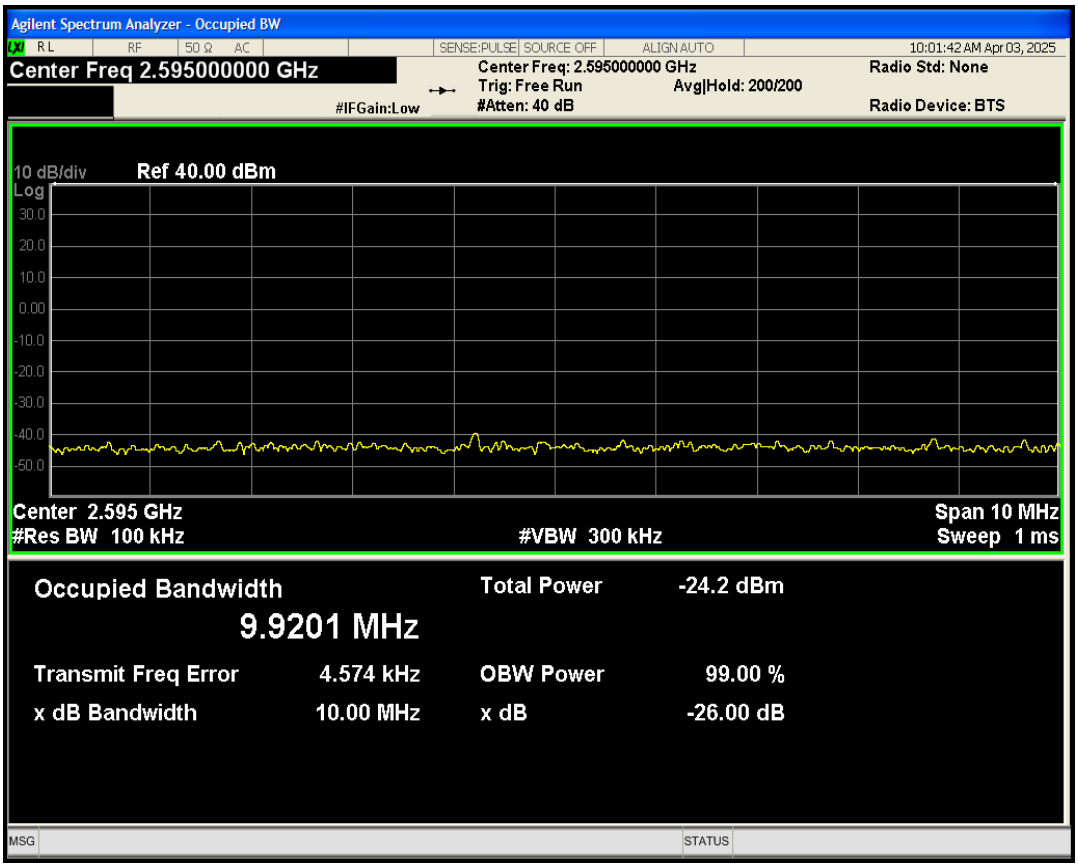
Band2 QPSK BW=15MHz Channel=18900 RB Size=75 Position=#0



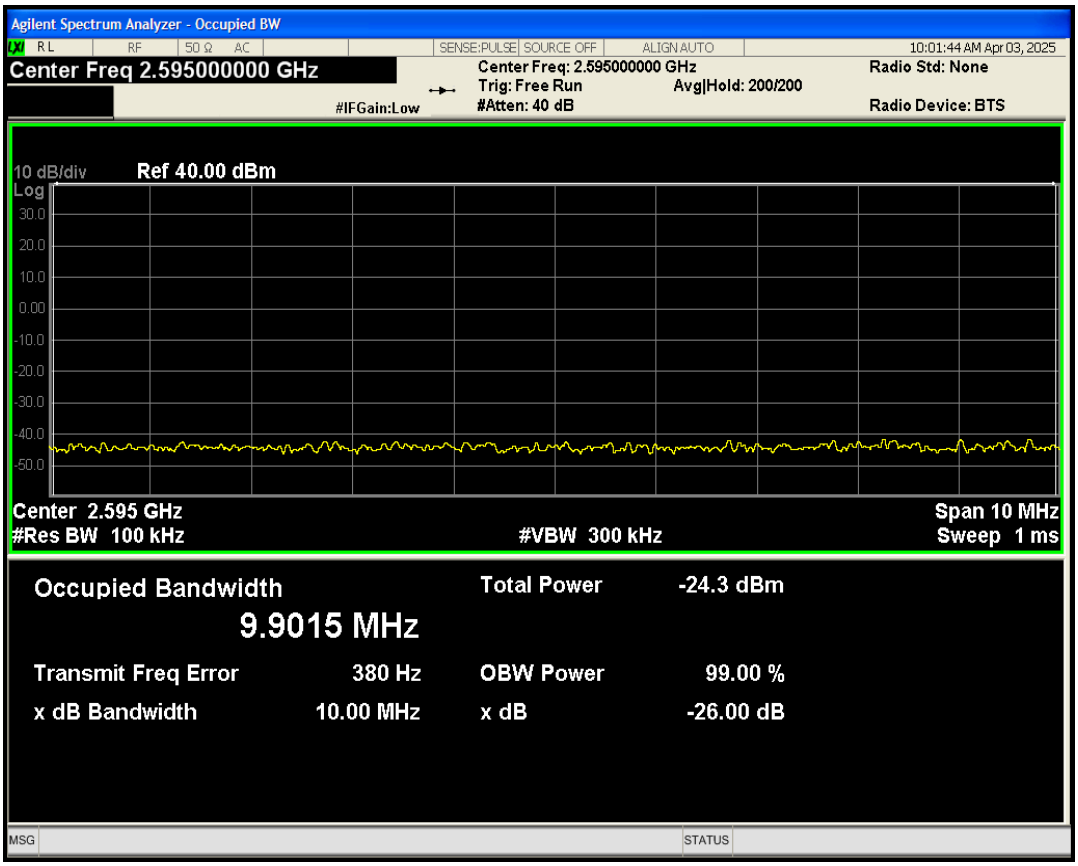
Band2 QPSK BW=20MHz Channel=18900 RB Size=100 Position=#0



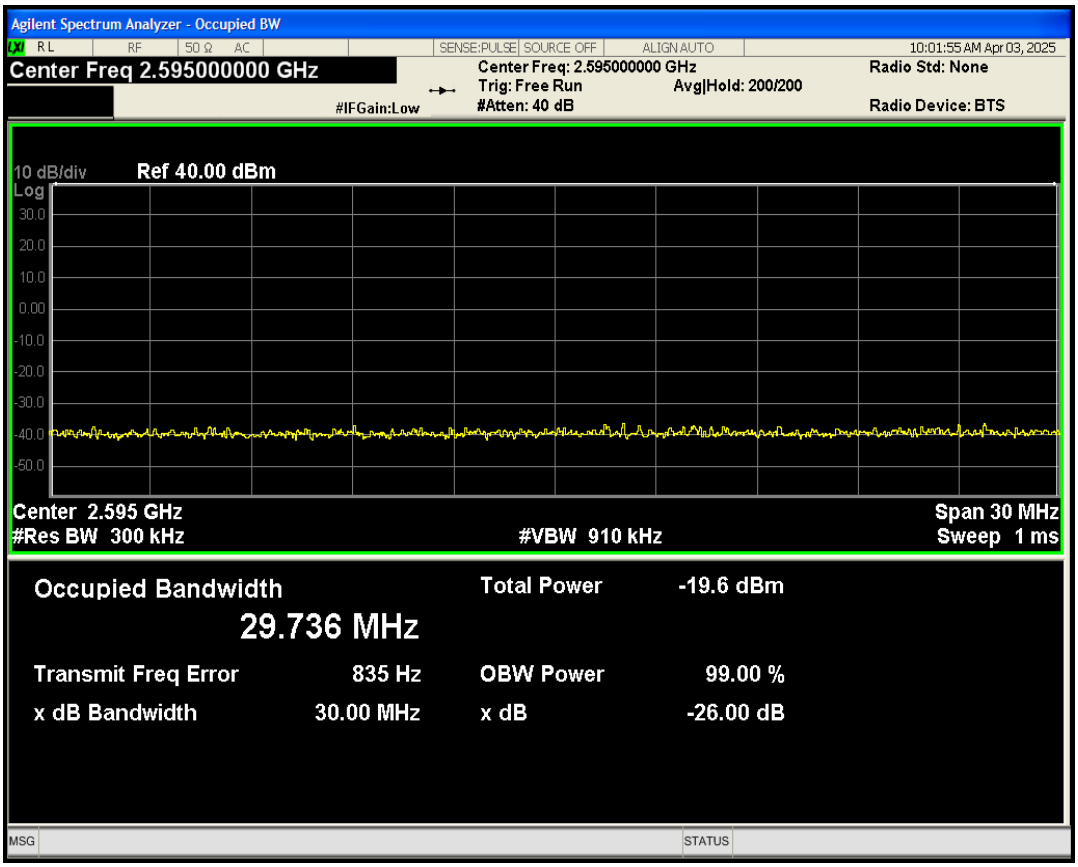
Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0



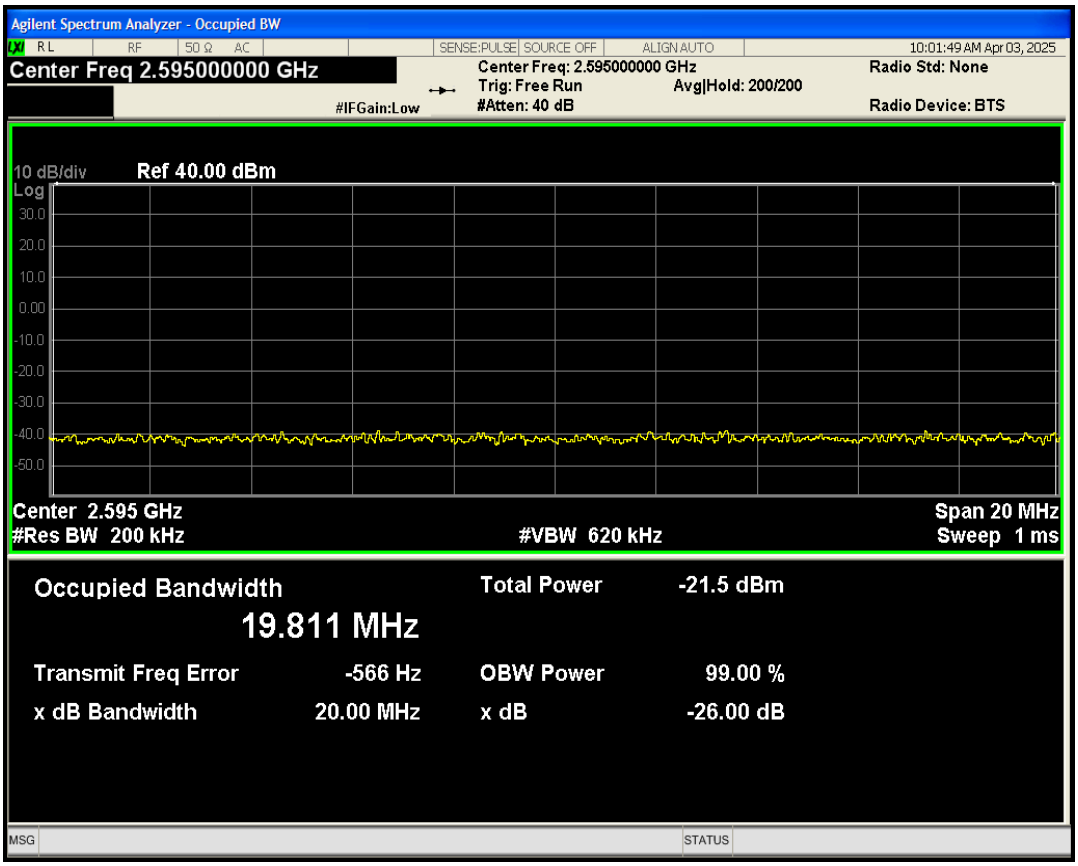
Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0



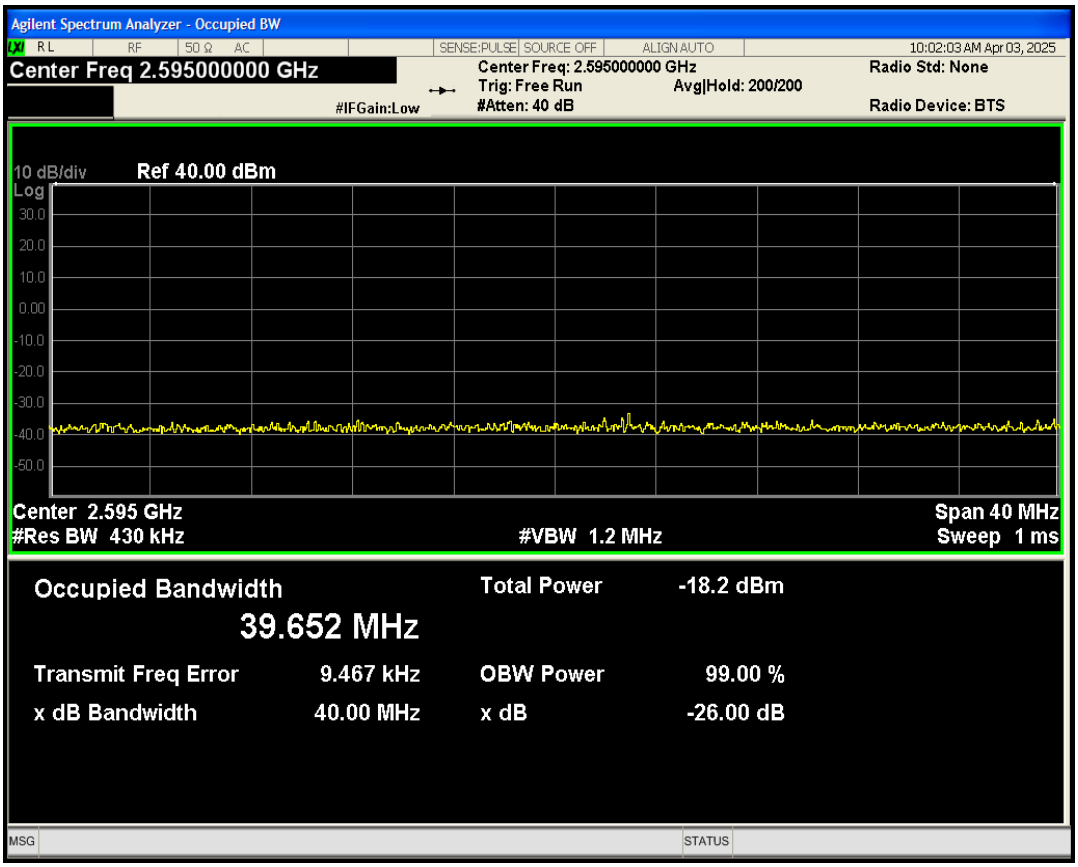
Band38 QPSK BW=15MHz Channel=38000 RB Size=75 Position=#0



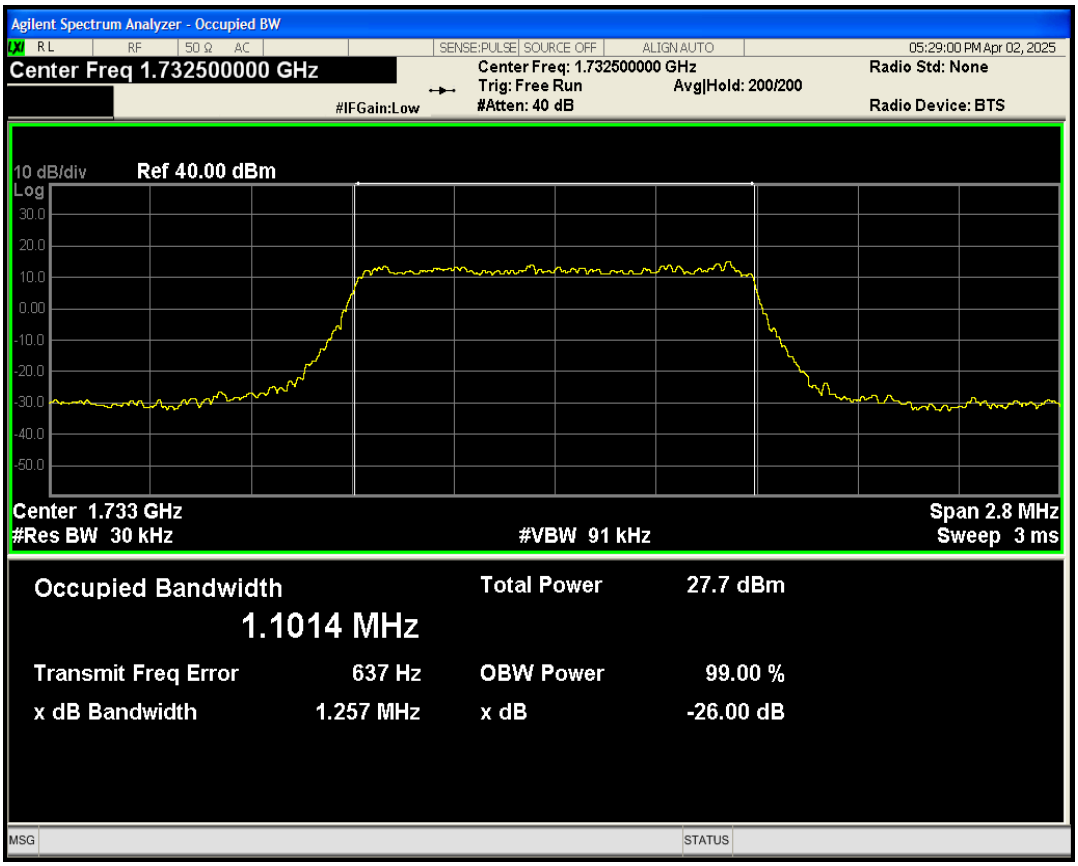
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



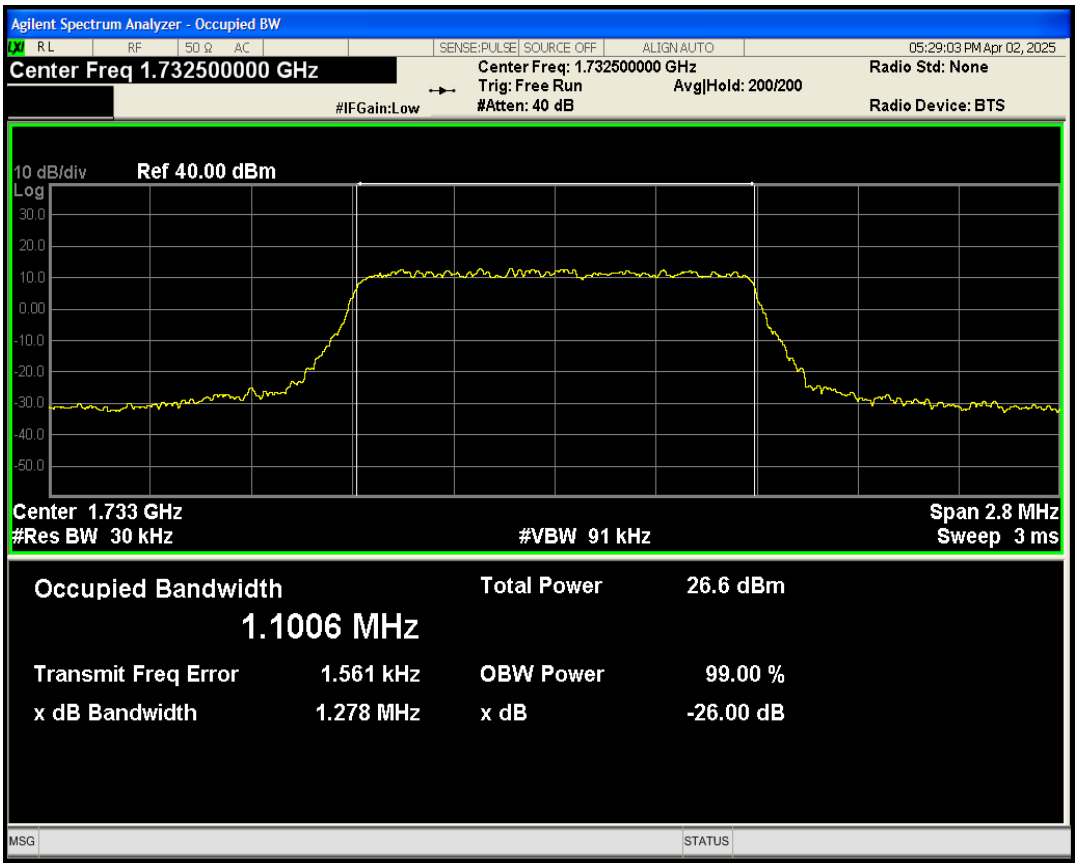
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



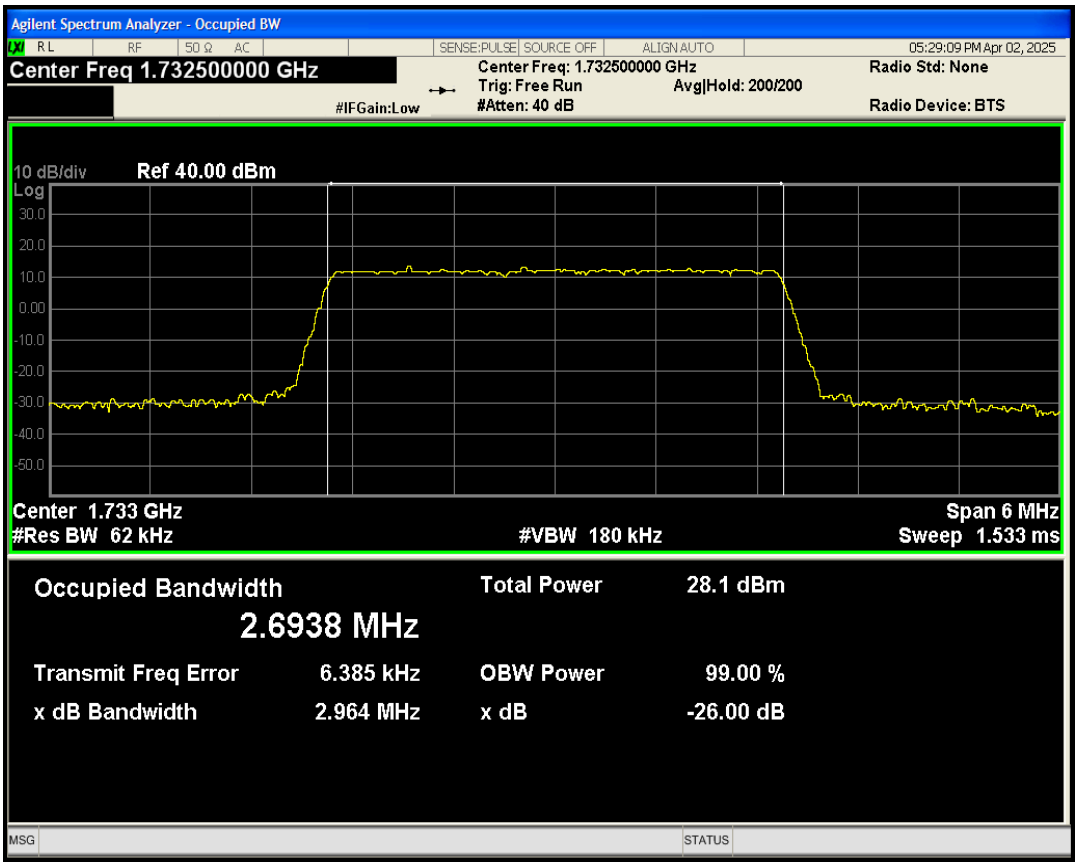
Band4 QPSK BW=1.4MHz Channel=20175 RB Size=6 Position=#0



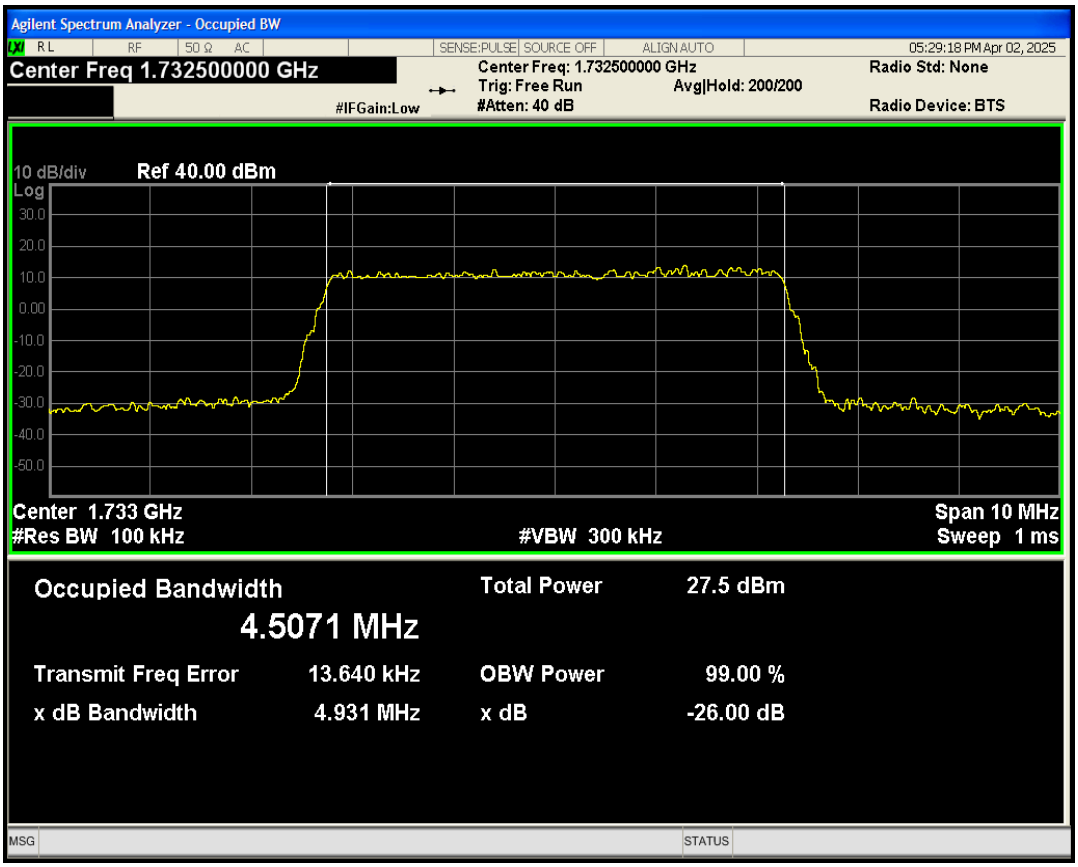
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0



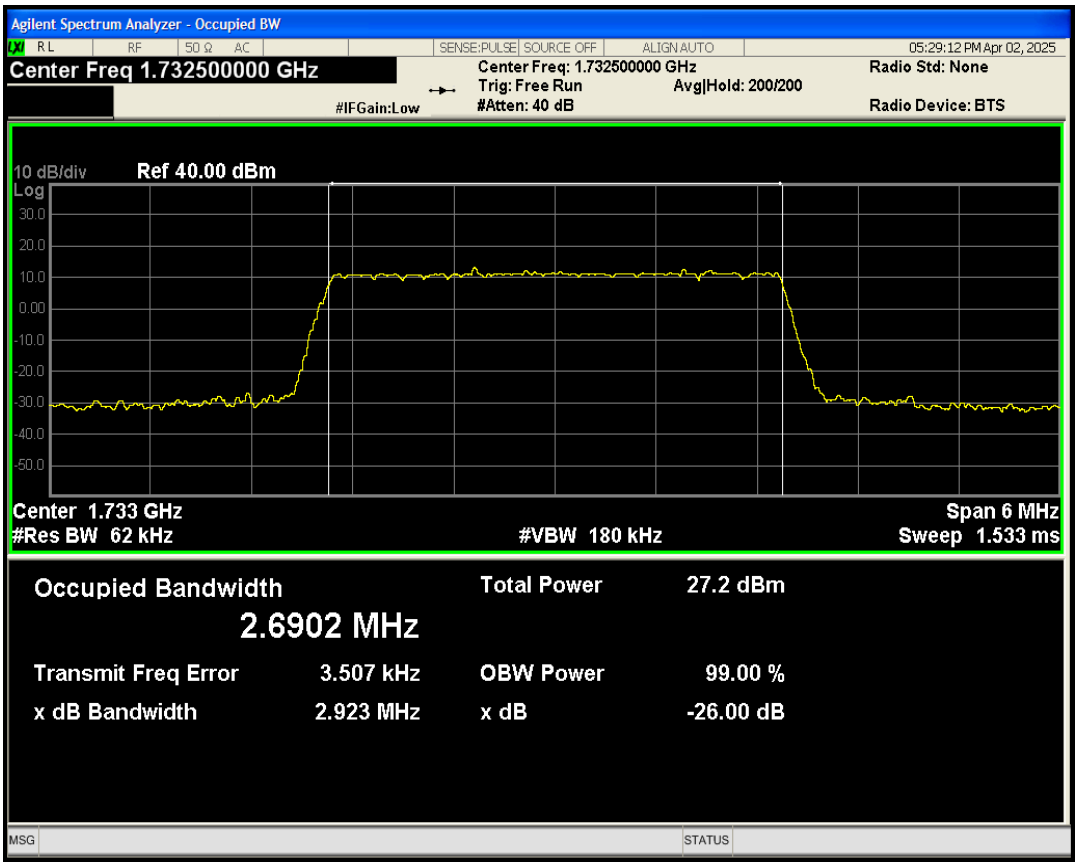
Band4 QPSK BW=3MHz Channel=20175 RB Size=15 Position=#0



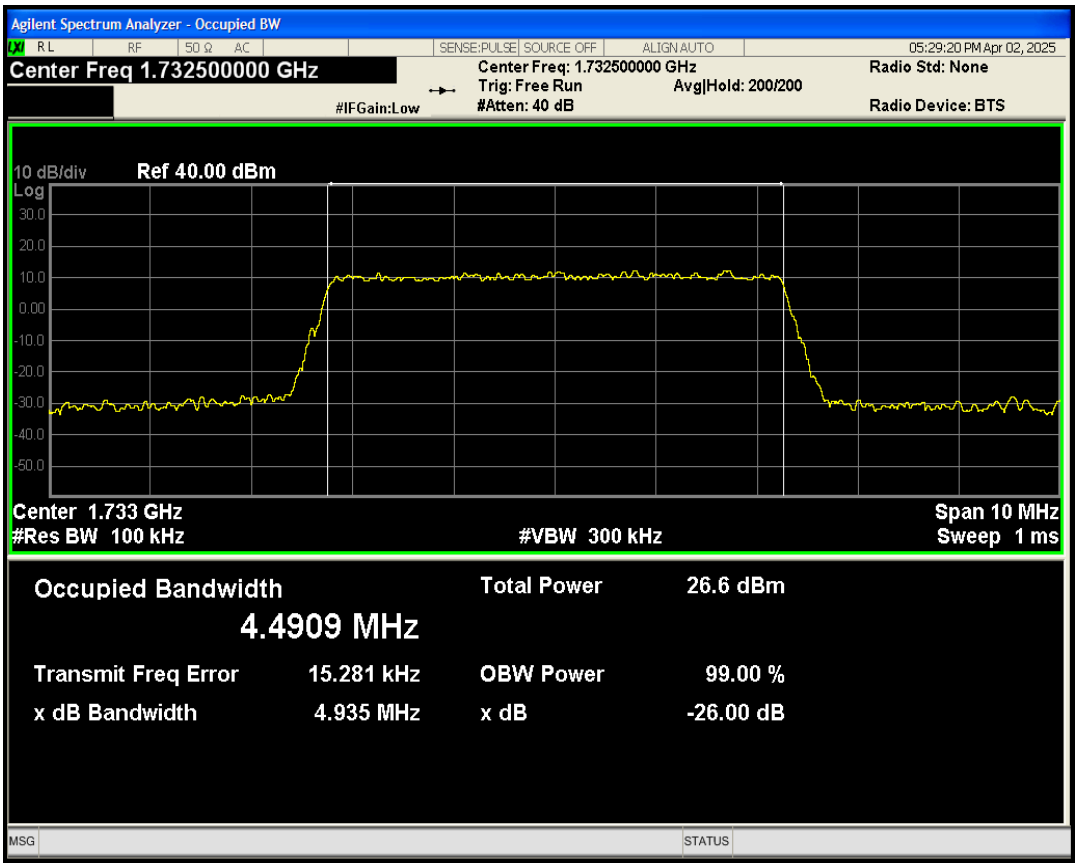
Band4 QPSK BW=5MHz Channel=20175 RB Size=25 Position=#0



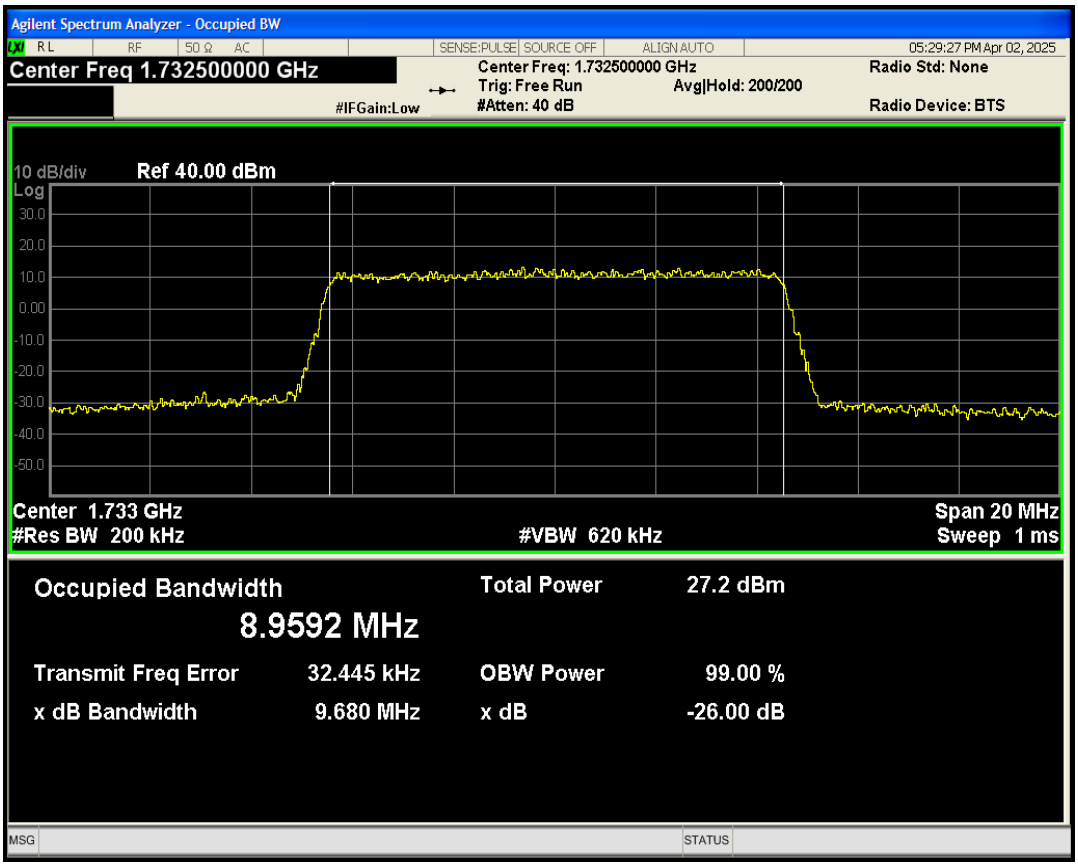
Band4 QAM16 BW=3MHz Channel=20175 RB Size=15 Position=#0



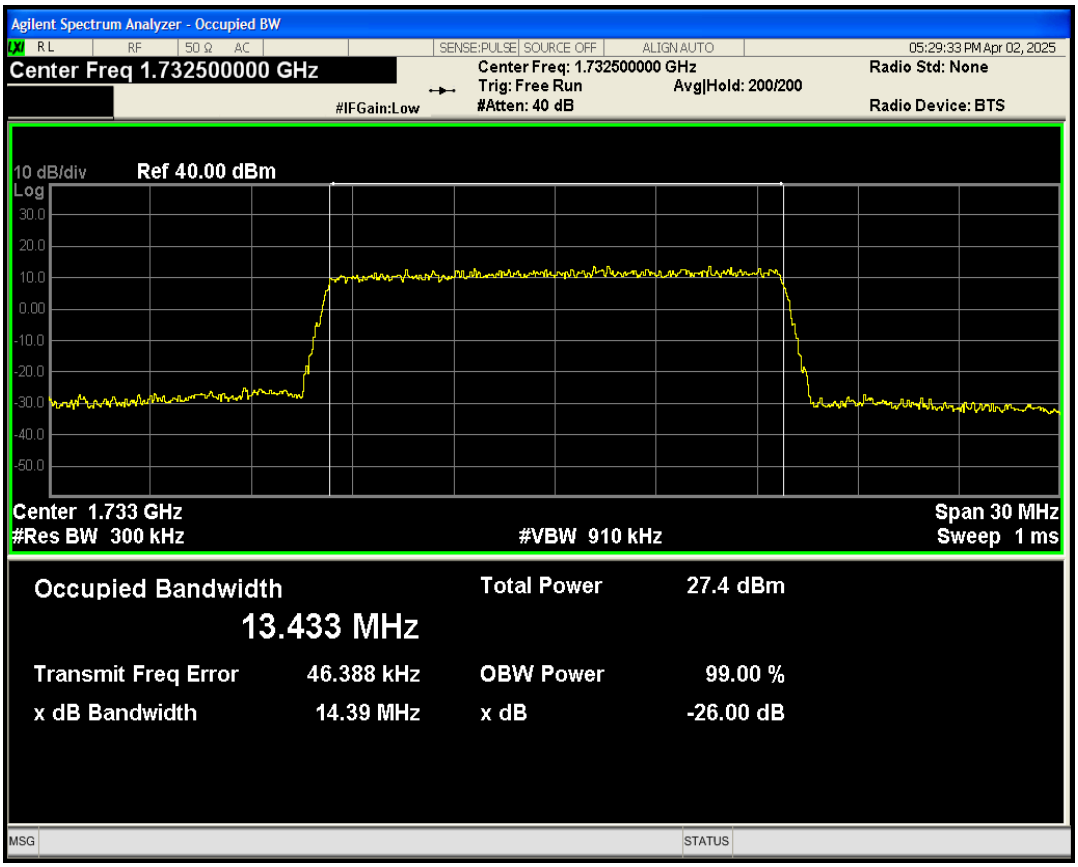
Band4 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0



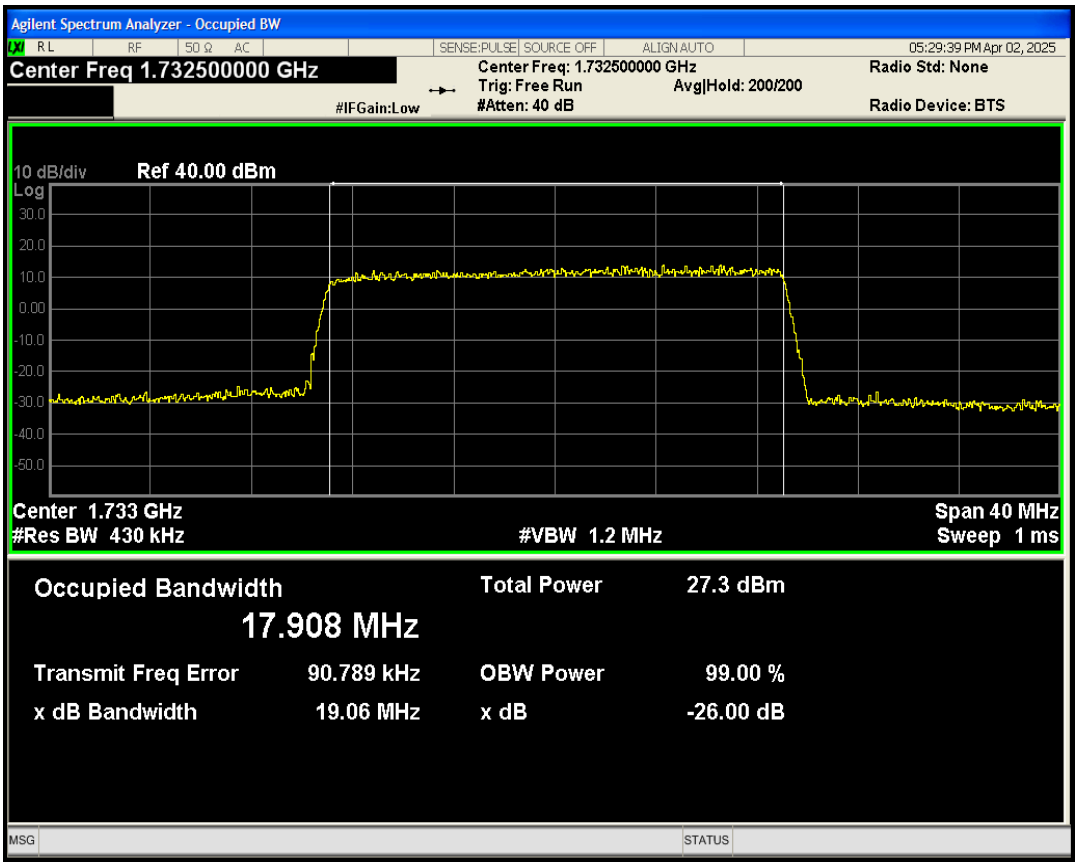
Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0



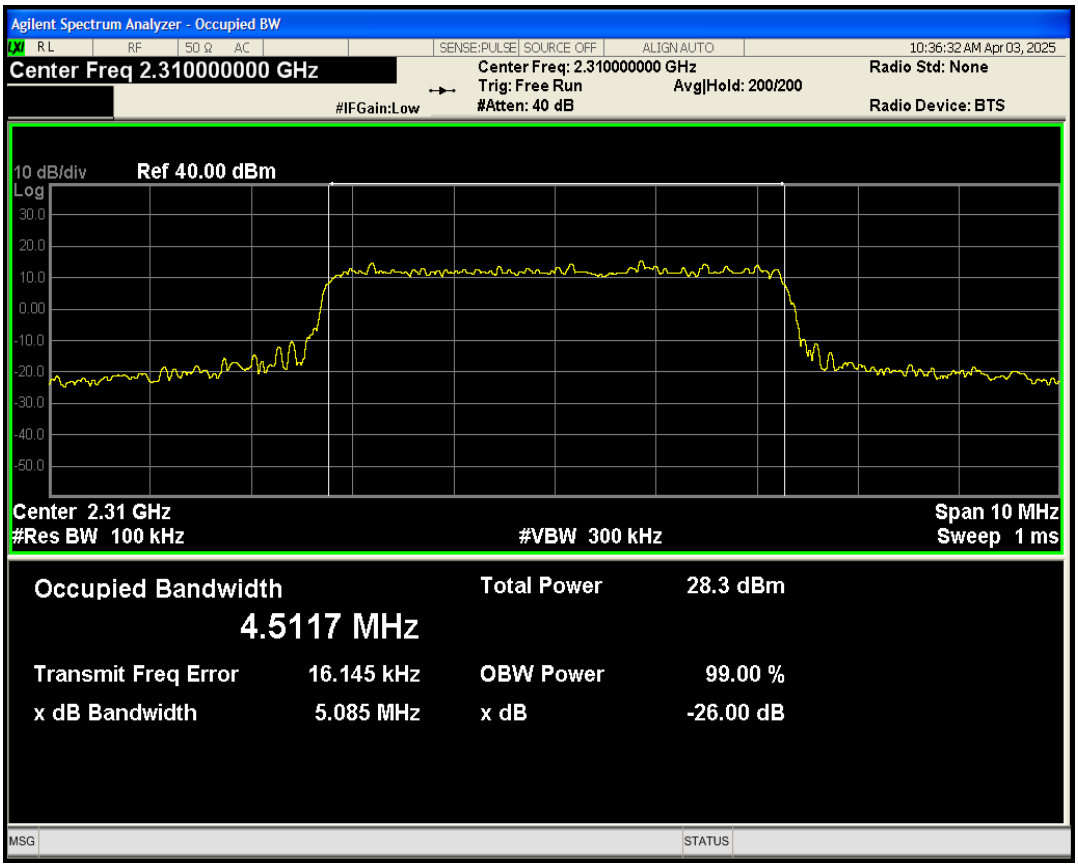
Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



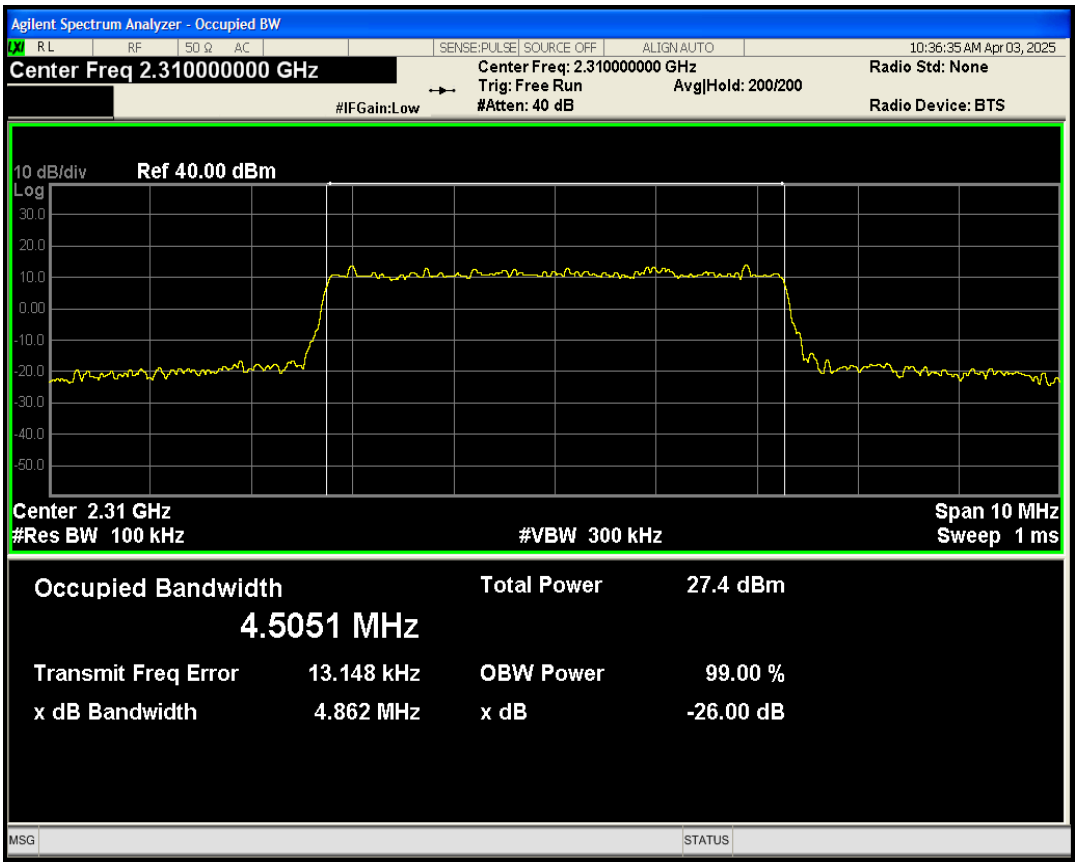
Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



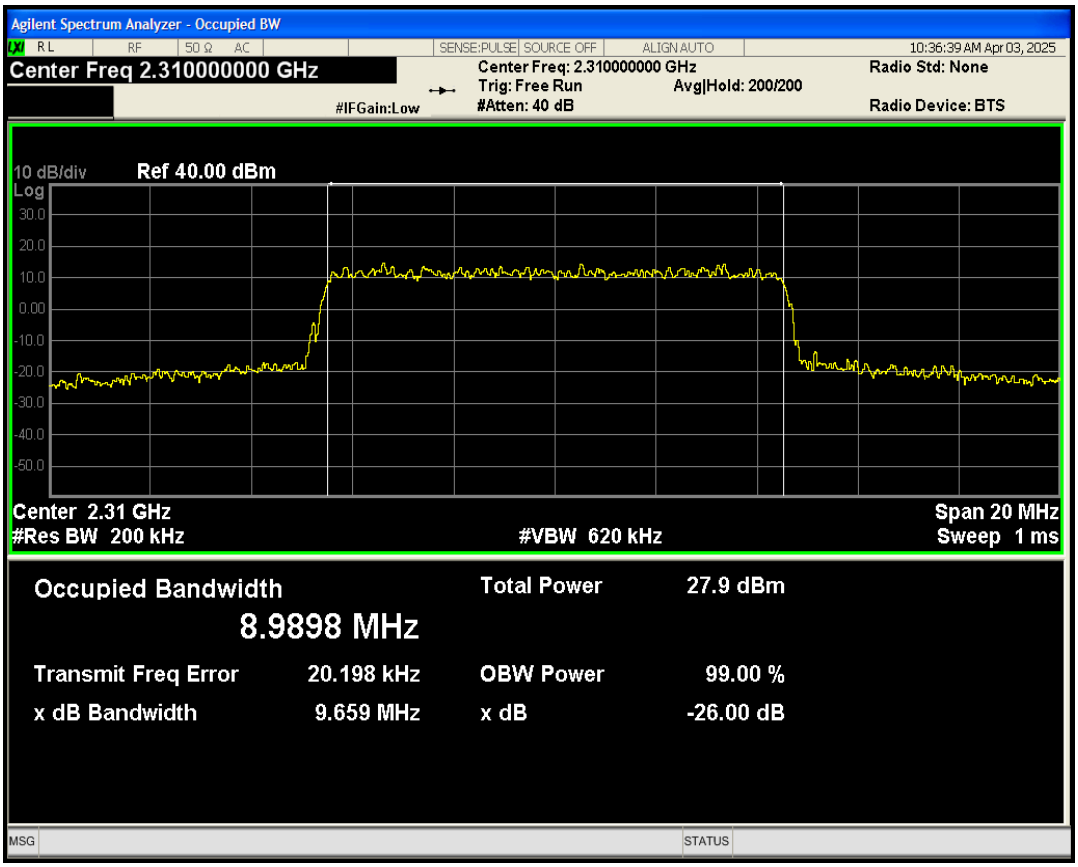
Band40a QPSK BW=5MHz Channel=38750 RB Size=25 Position=#0



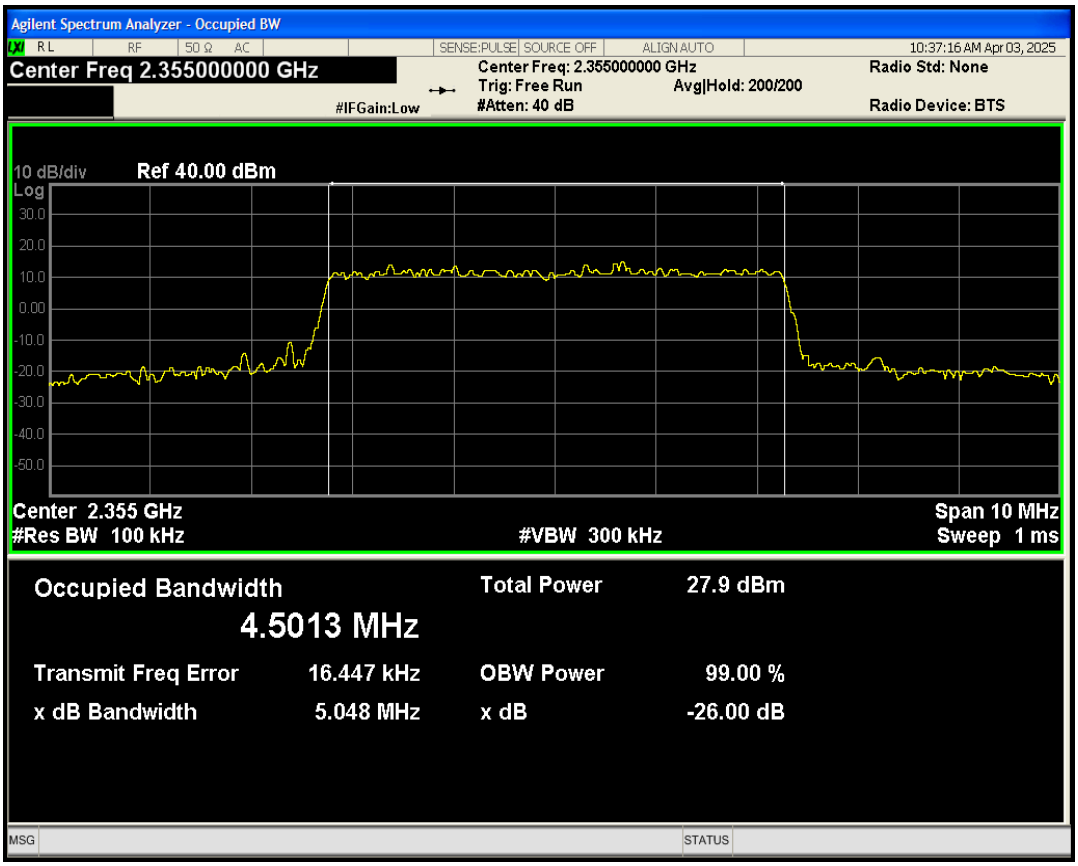
Band40a QAM16 BW=5MHz Channel=38750 RB Size=25 Position=#0



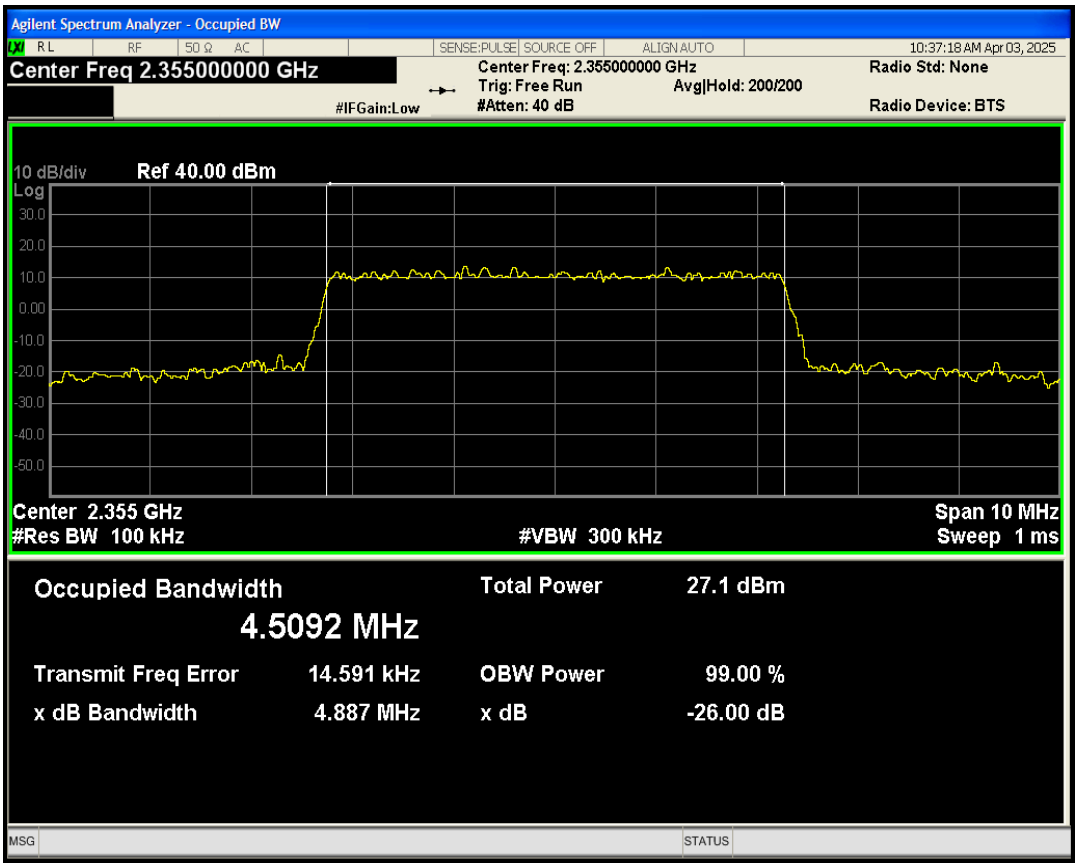
Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



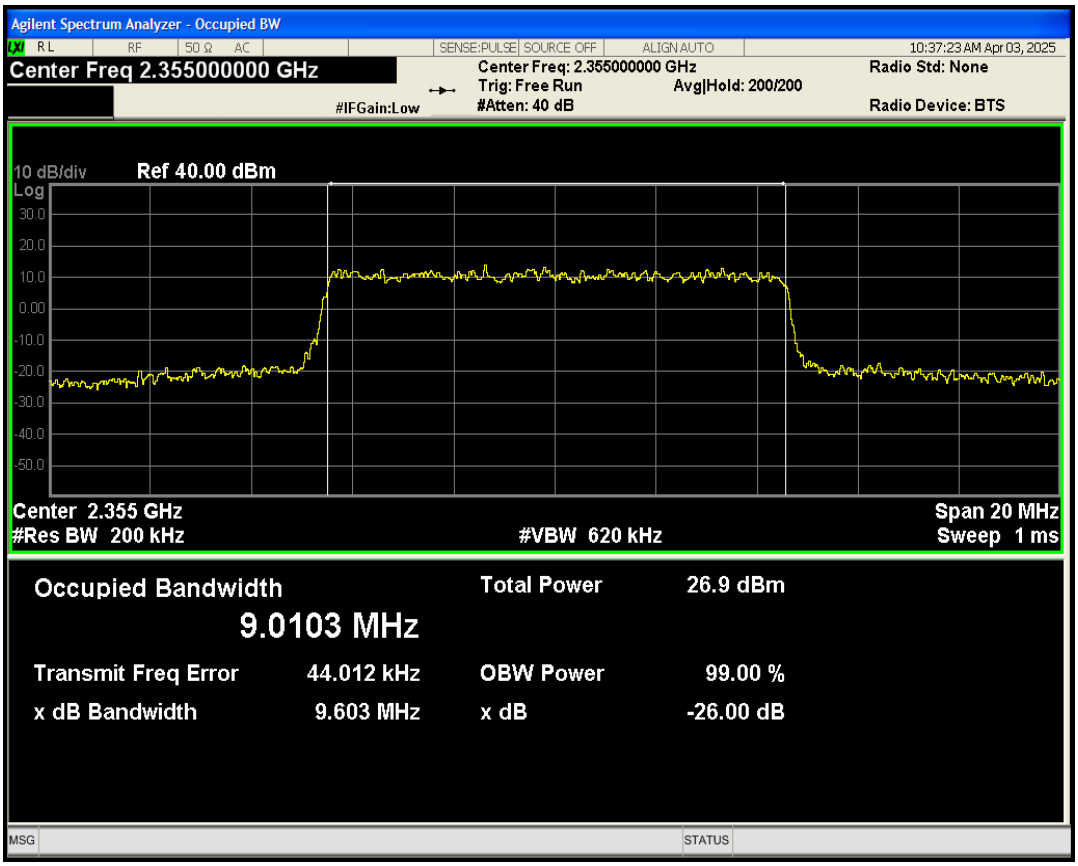
Band40b QPSK BW=5MHz Channel=39200 RB Size=25 Position=#0



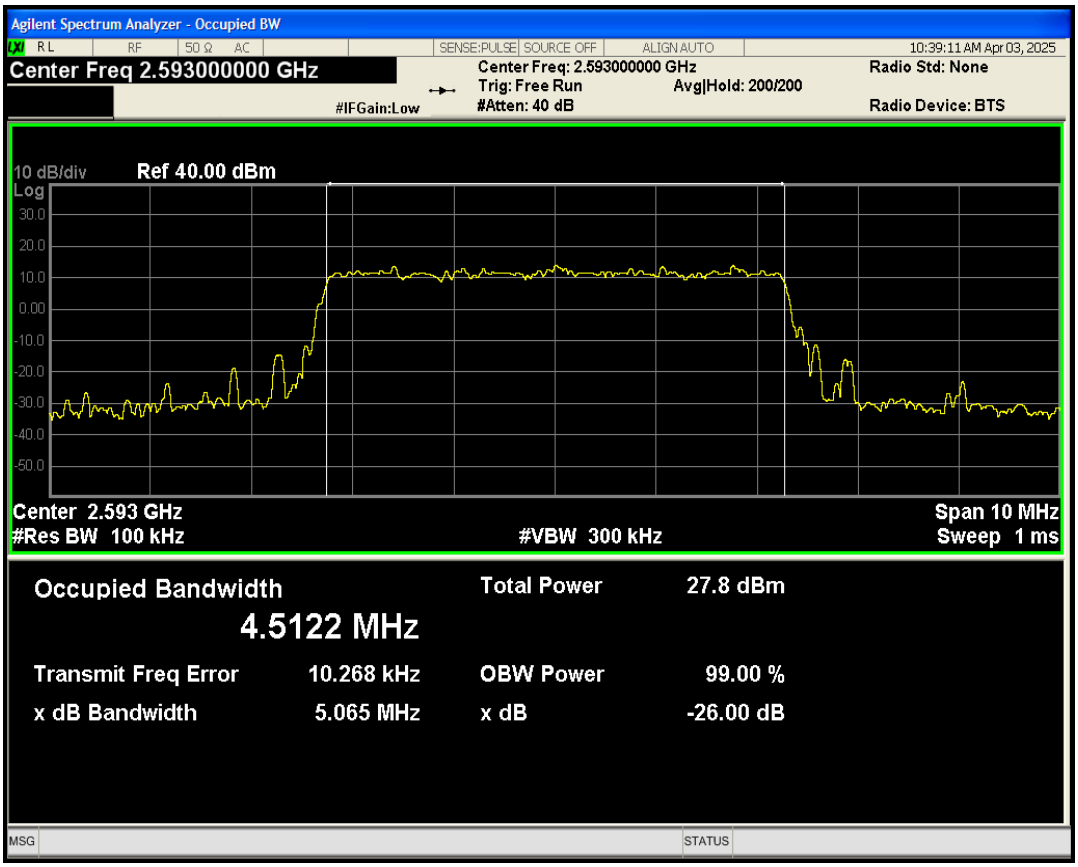
Band40b QAM16 BW=5MHz Channel=39200 RB Size=25 Position=#0



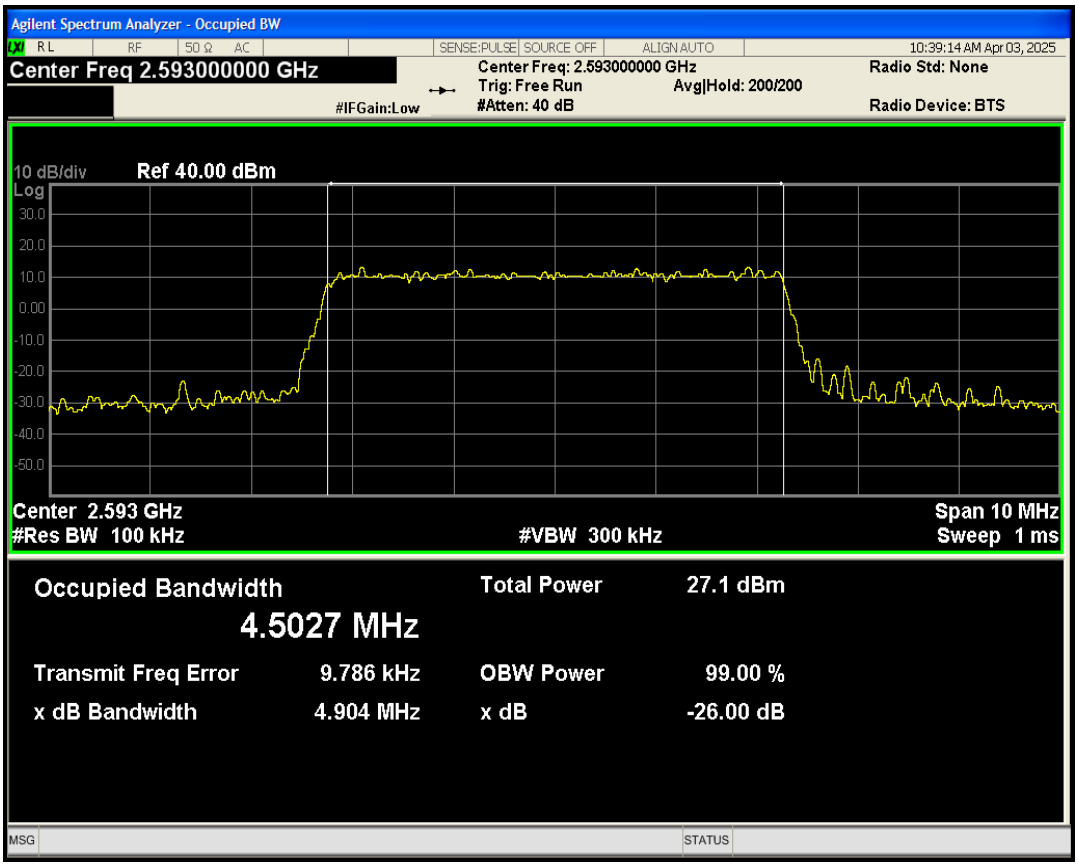
Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



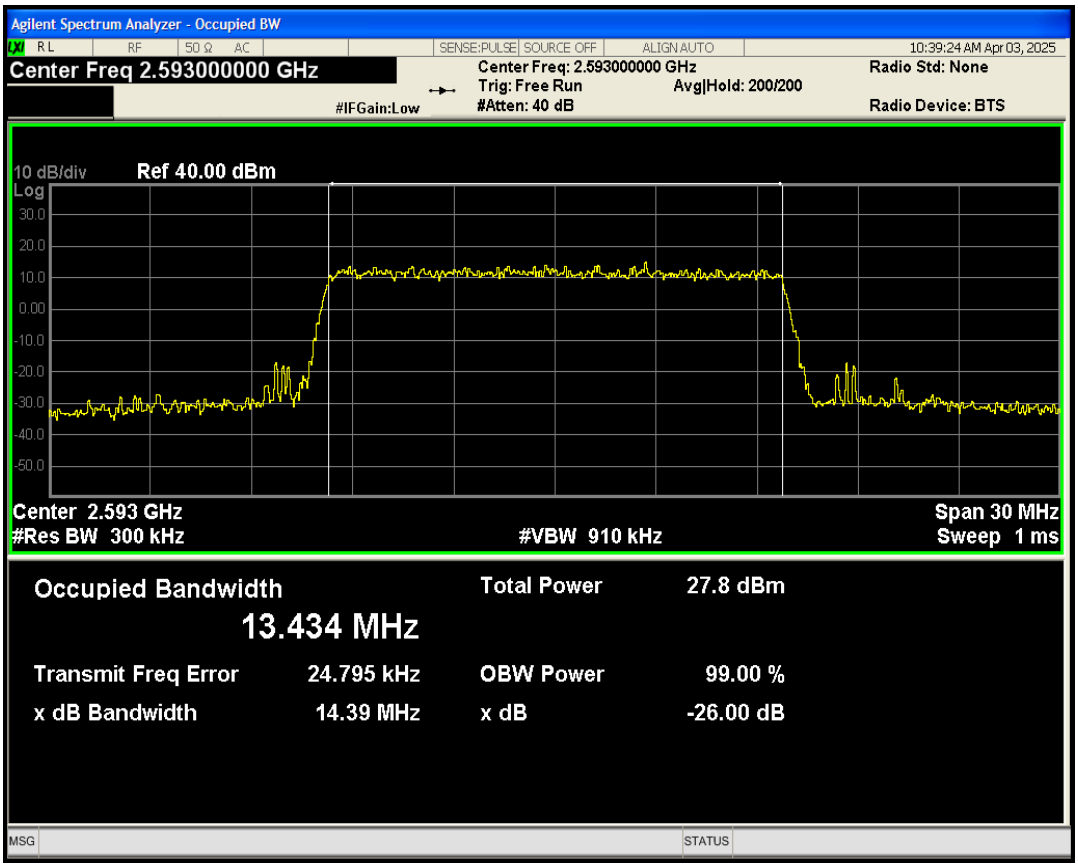
Band41 QPSK BW=5MHz Channel=40620 RB Size=25 Position=#0



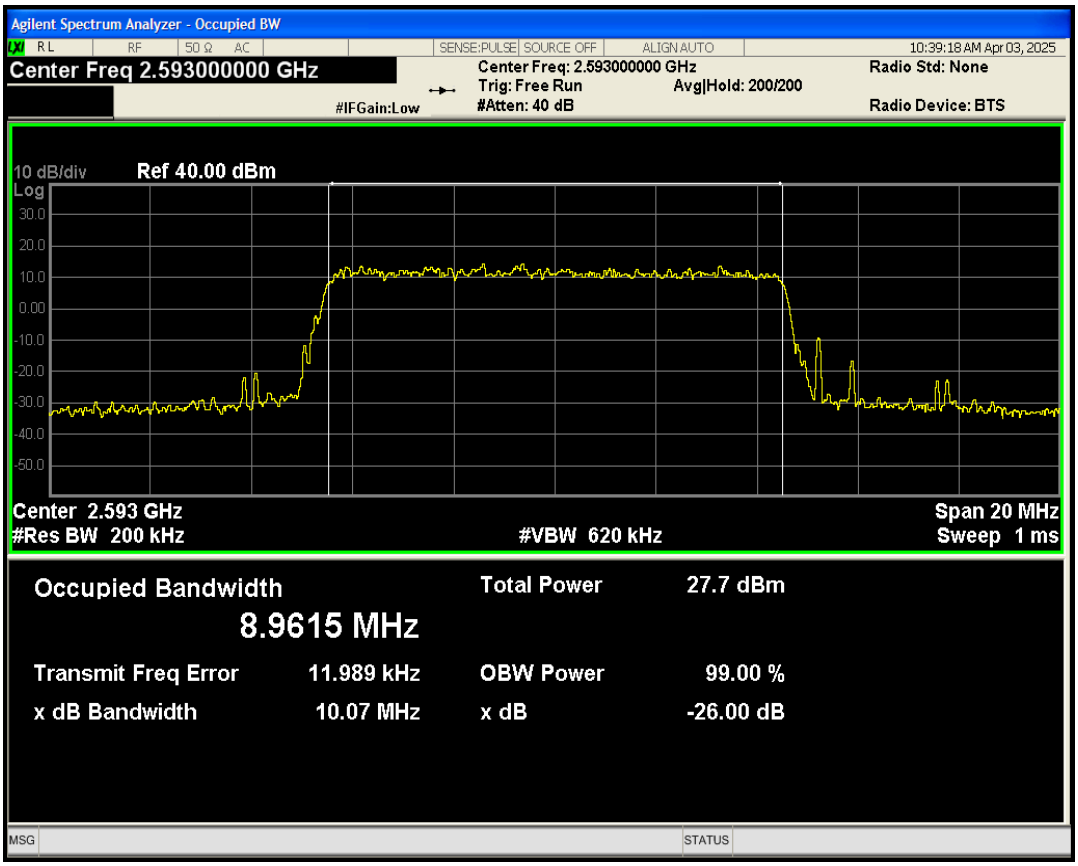
Band41 QAM16 BW=5MHz Channel=40620 RB Size=25 Position=#0



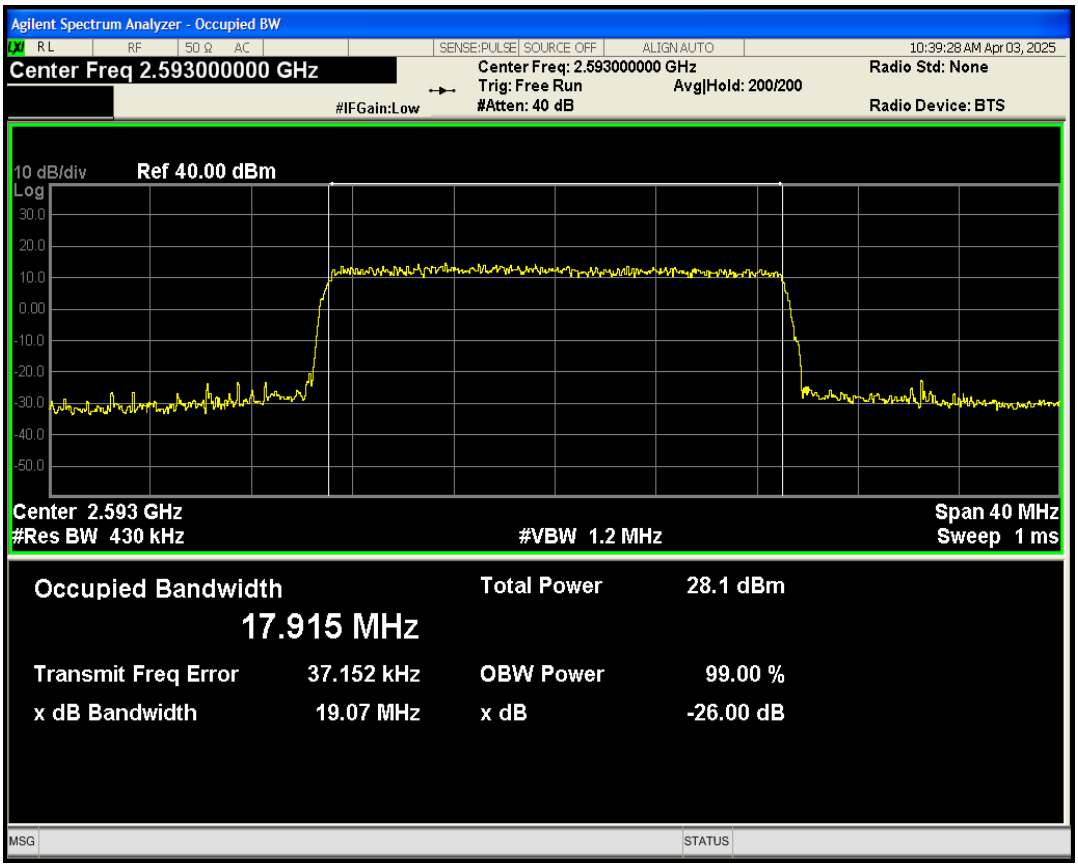
Band41 QPSK BW=15MHz Channel=40620 RB Size=75 Position=#0



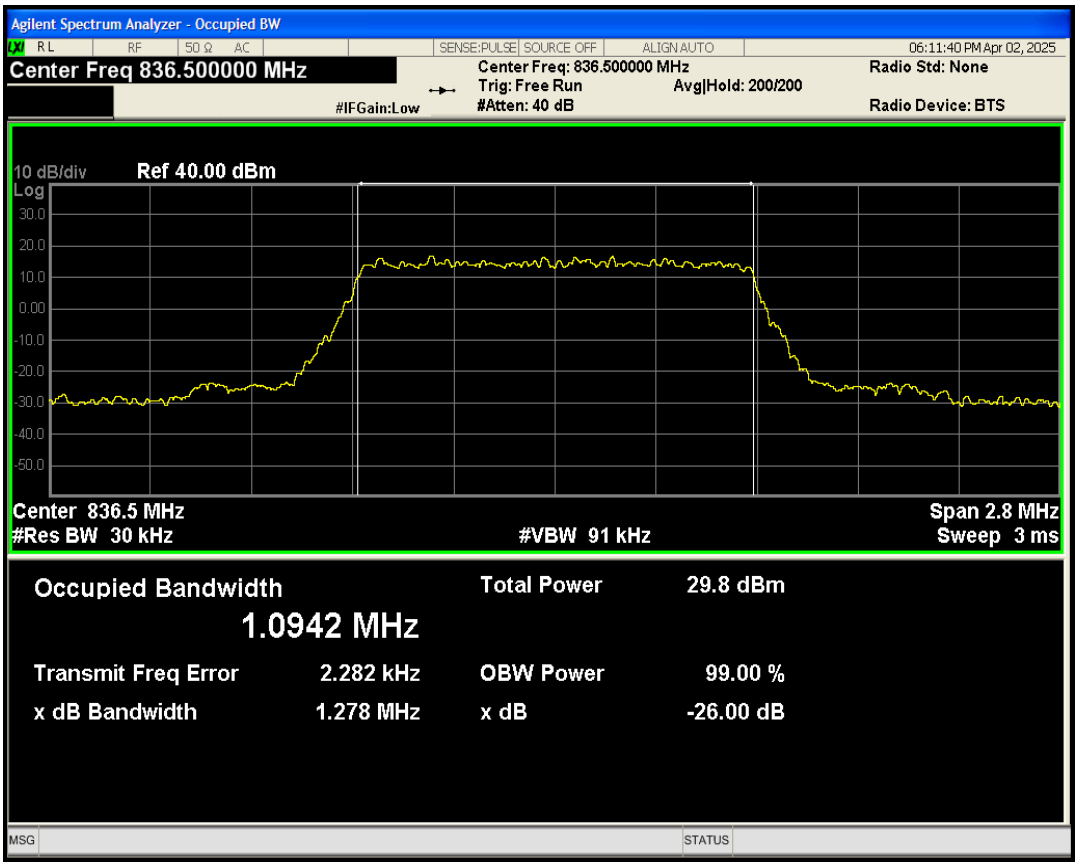
Band41 QPSK BW=10MHz Channel=40620 RB Size=50 Position=#0



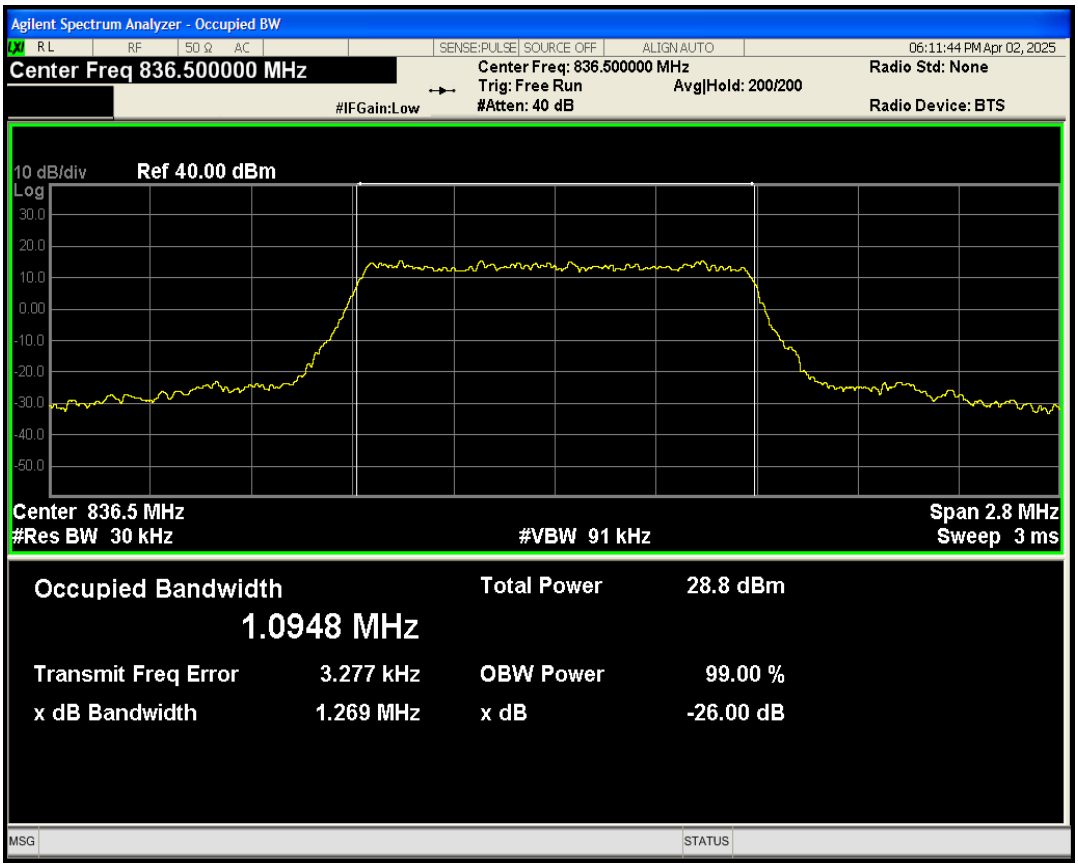
Band41 QPSK BW=20MHz Channel=40620 RB Size=100 Position=#0



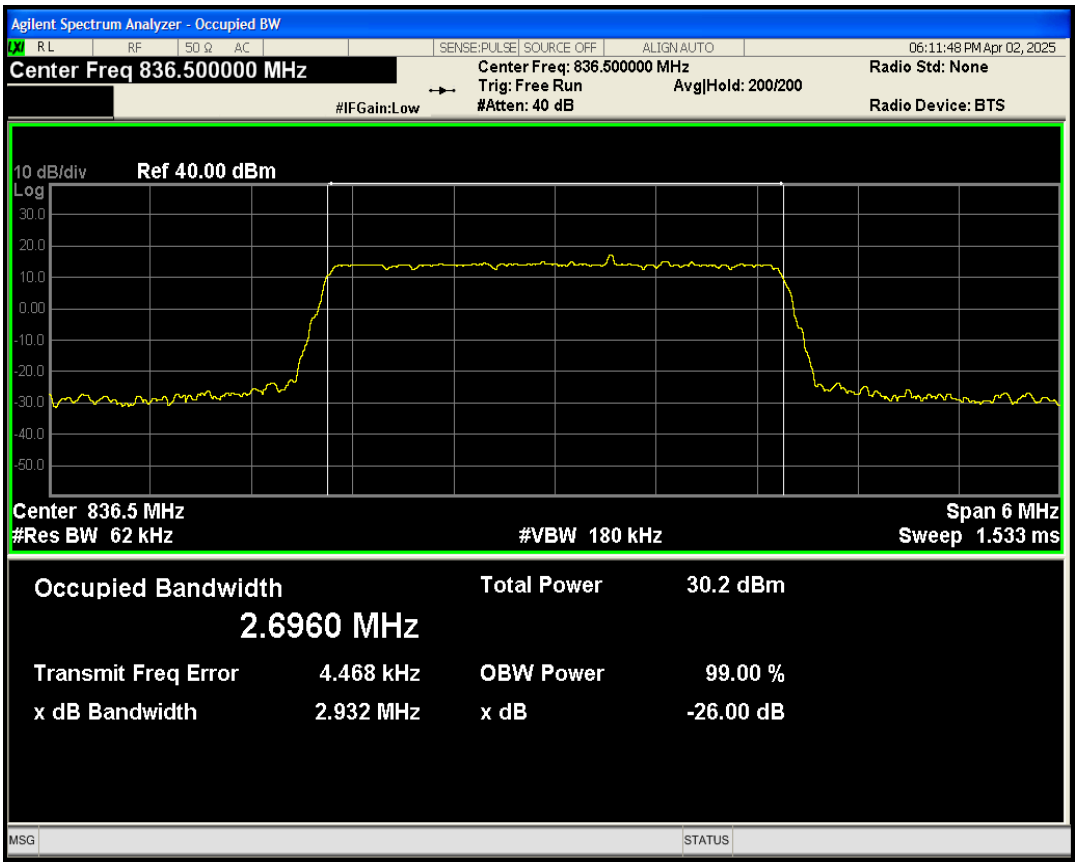
Band5 QPSK BW=1.4MHz Channel=20525 RB Size=6 Position=#0



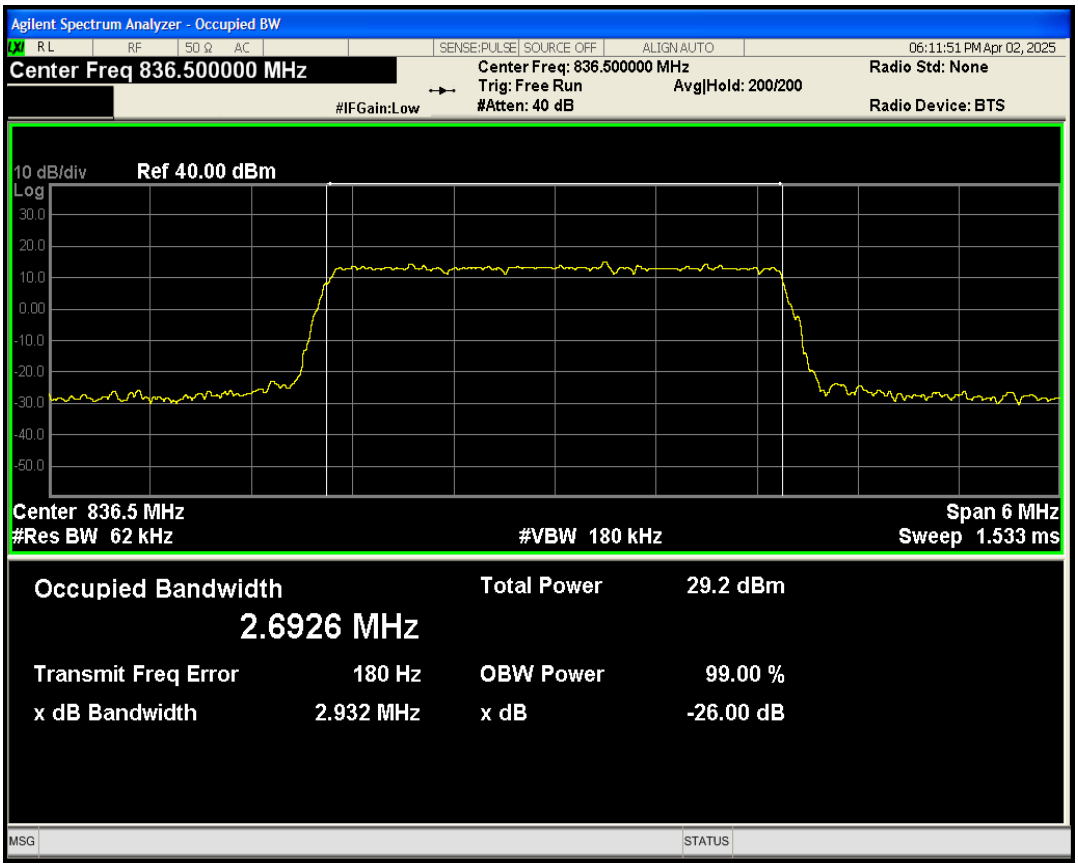
Band5 QAM16 BW=1.4MHz Channel=20525 RB Size=6 Position=#0



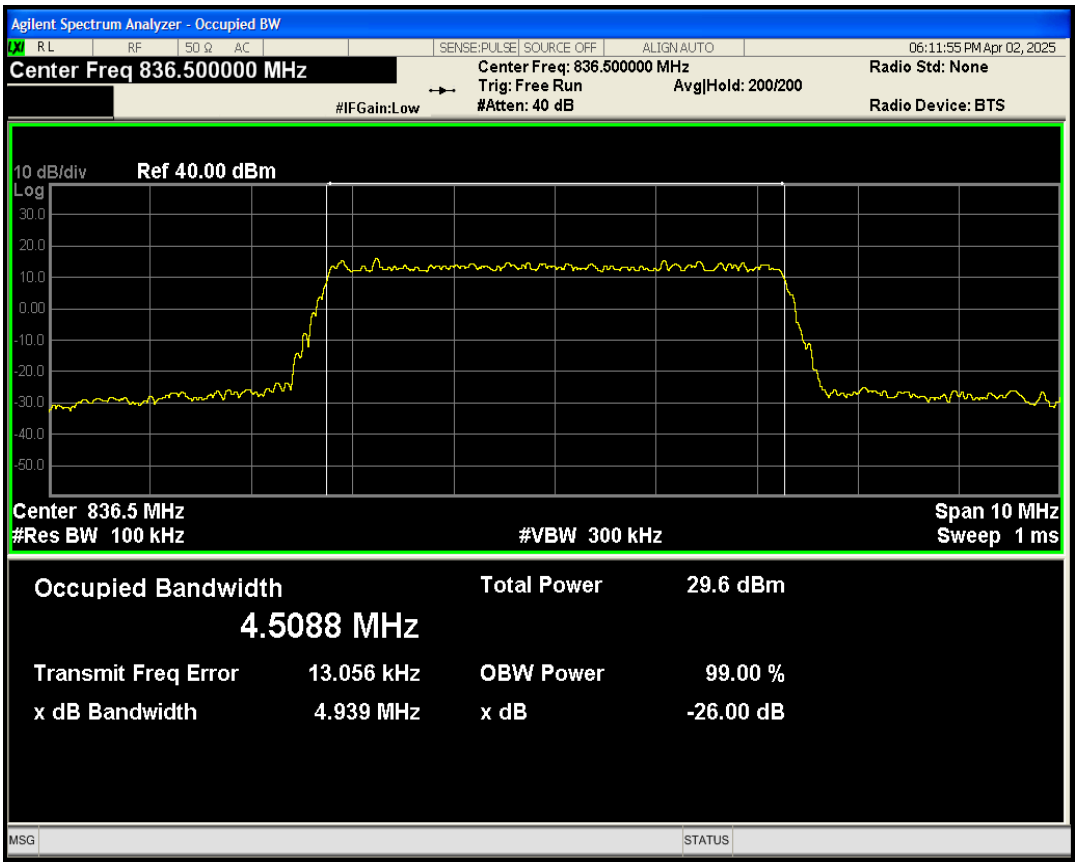
Band5 QPSK BW=3MHz Channel=20525 RB Size=15 Position=#0



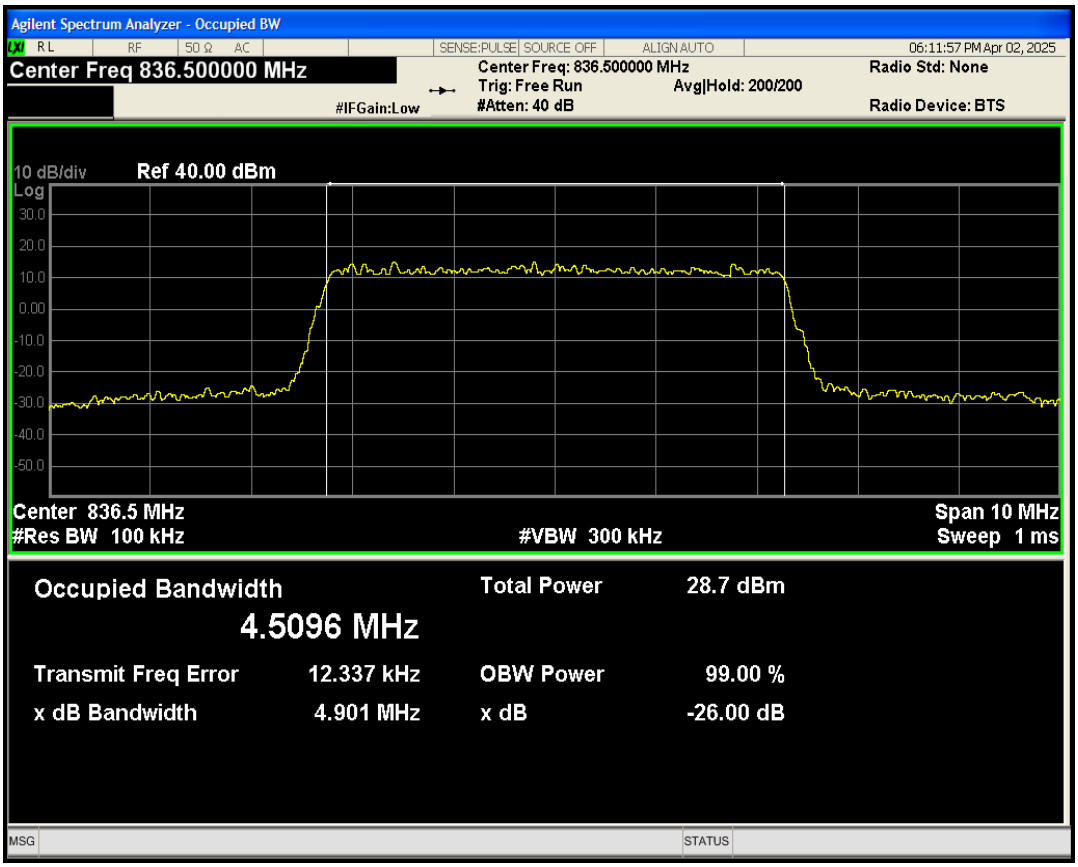
Band5 QAM16 BW=3MHz Channel=20525 RB Size=15 Position=#0



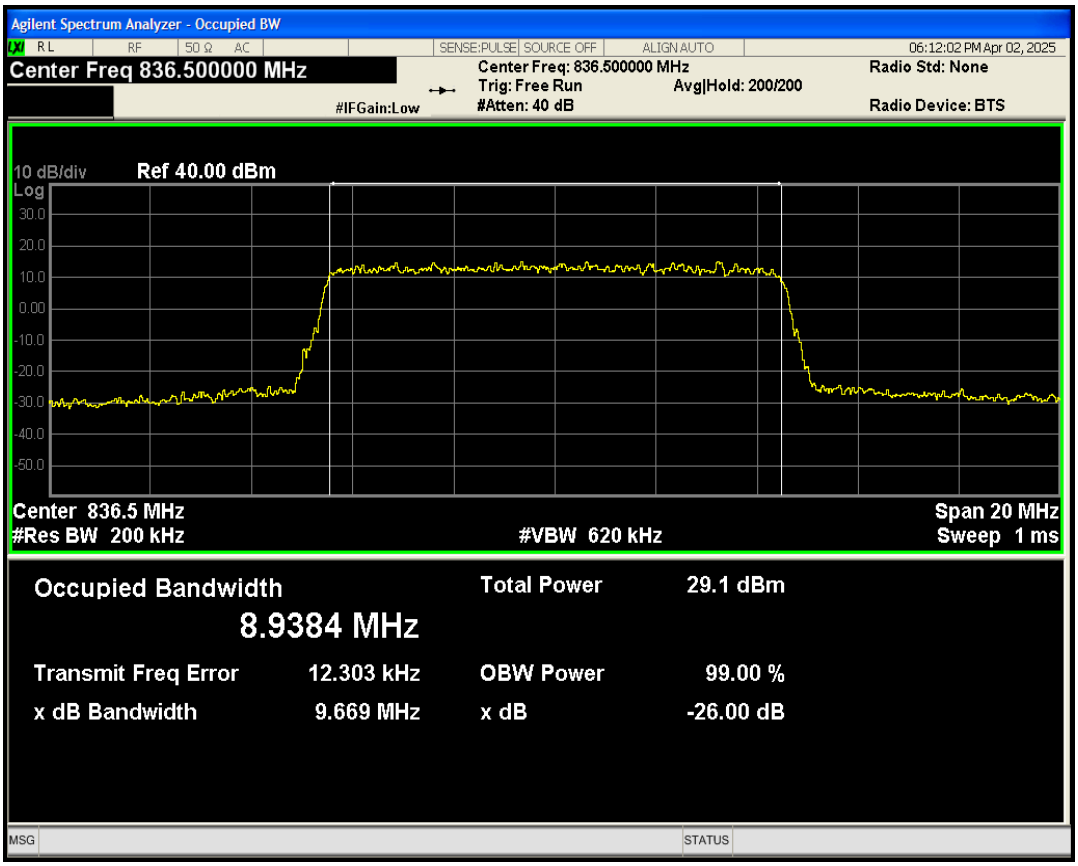
Band5 QPSK BW=5MHz Channel=20525 RB Size=25 Position=#0



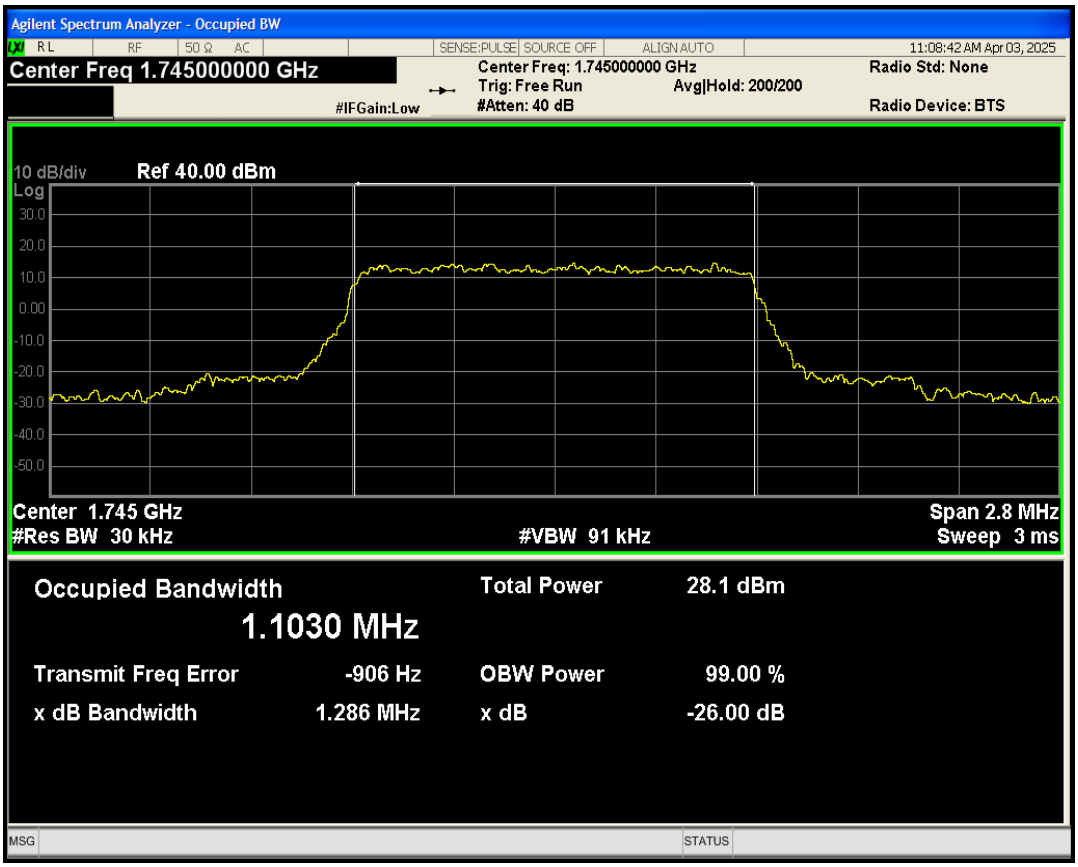
Band5 QAM16 BW=5MHz Channel=20525 RB Size=25 Position=#0



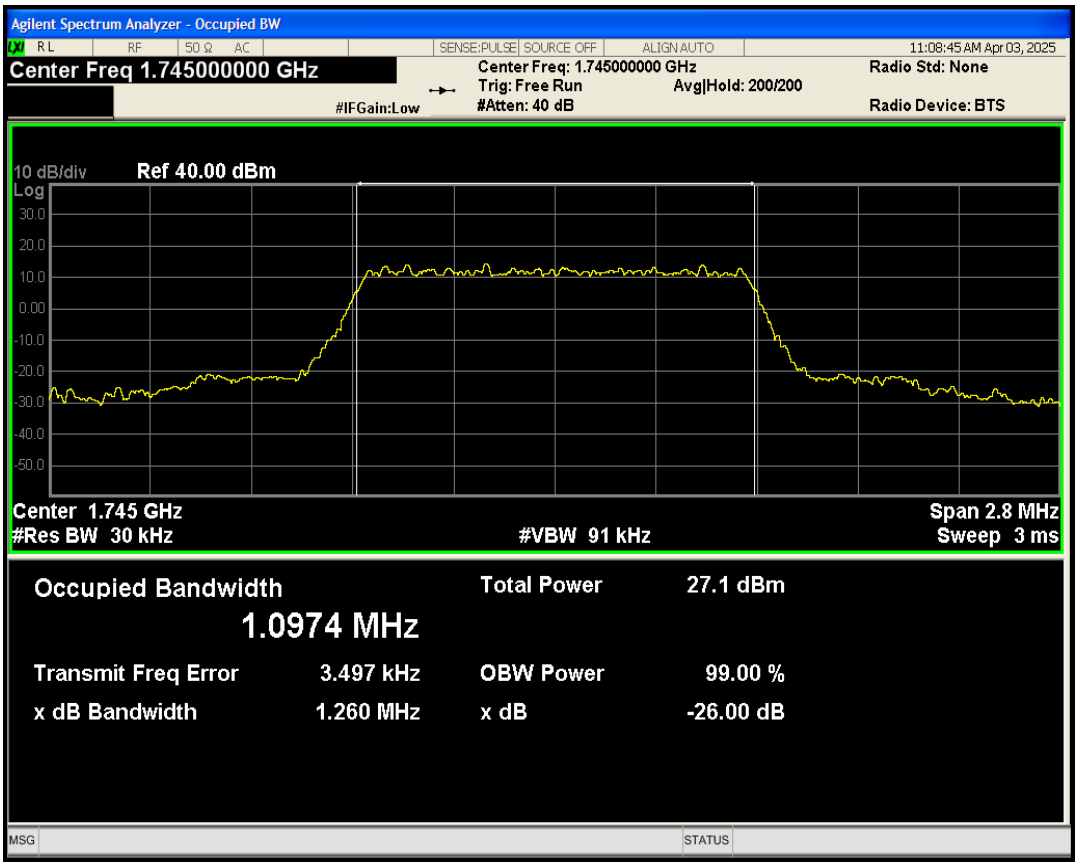
Band5 QPSK BW=10MHz Channel=20525 RB Size=50 Position=#0



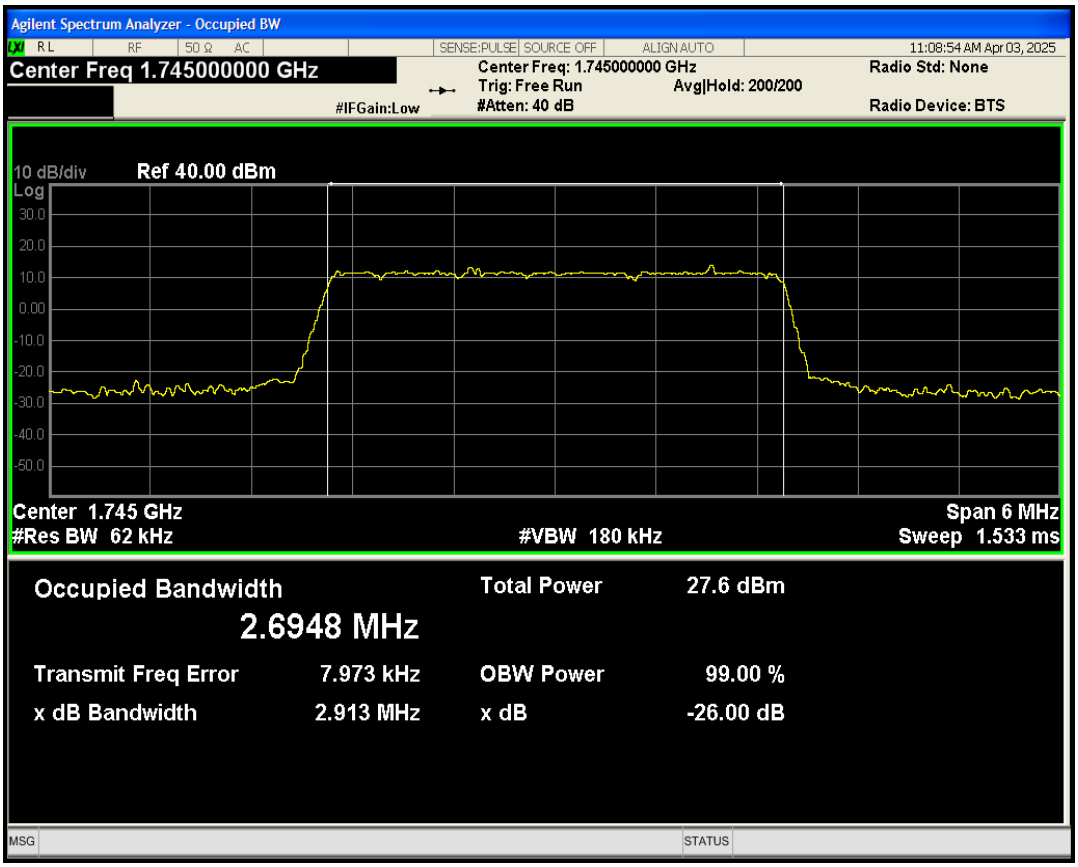
Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0



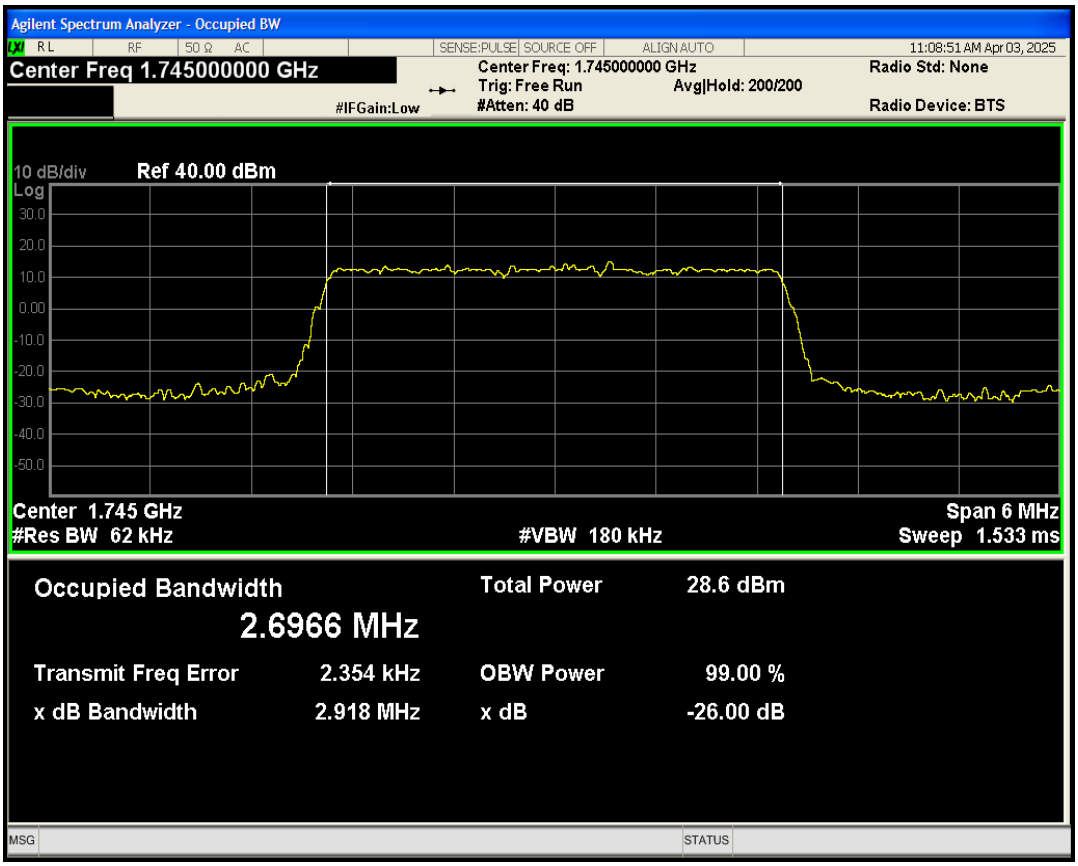
Band66 QAM16 BW=1.4MHz Channel=132322 RB Size=6 Position=#0



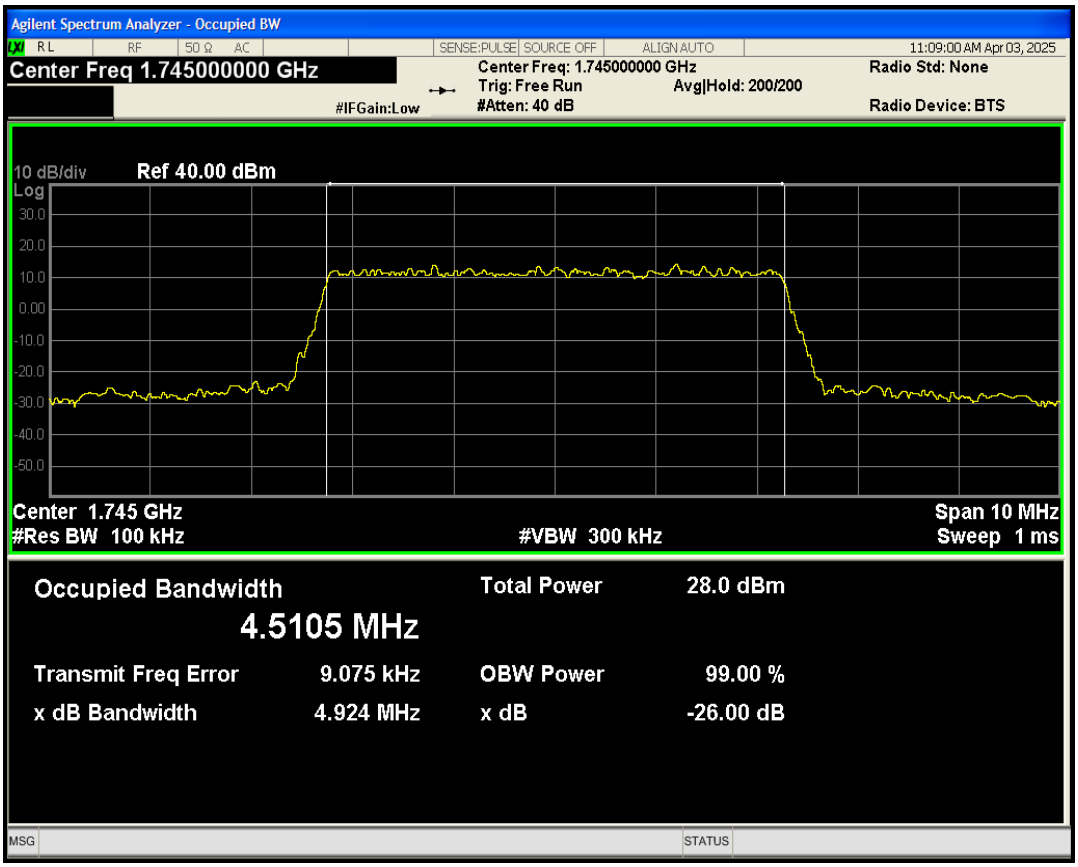
Band66 QAM16 BW=3MHz Channel=132322 RB Size=15 Position=#0



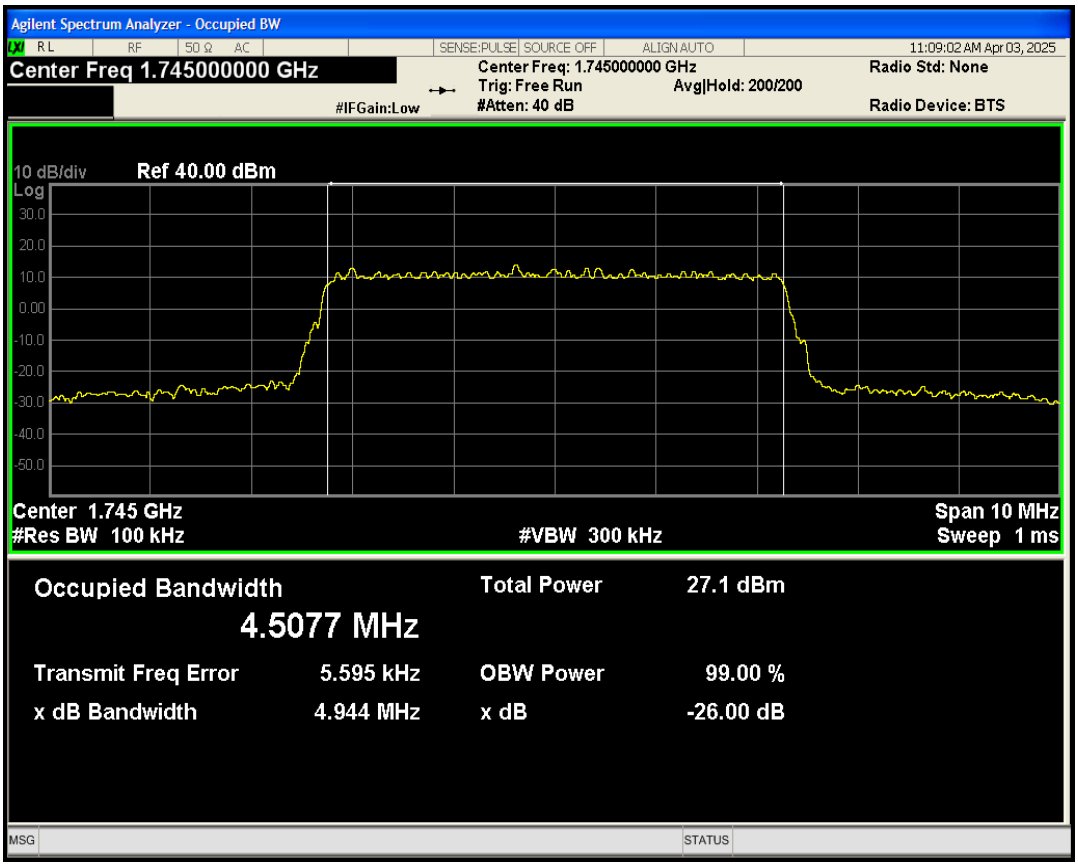
Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



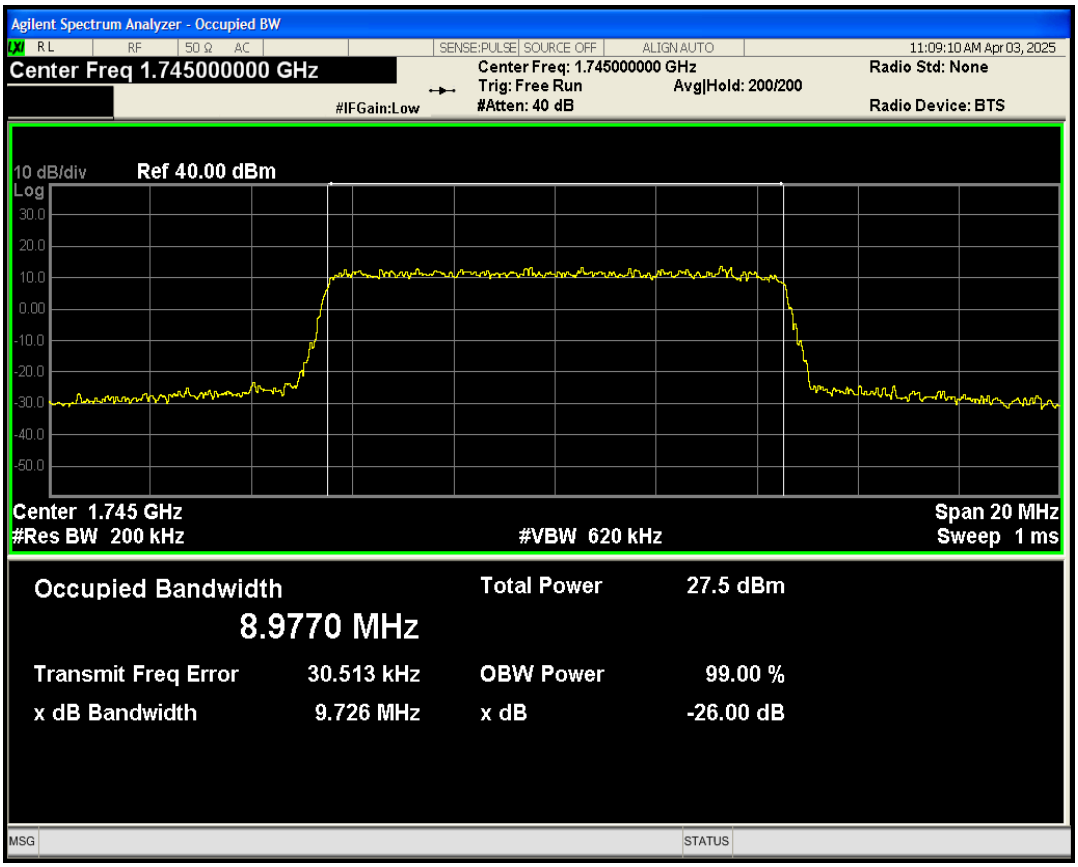
Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



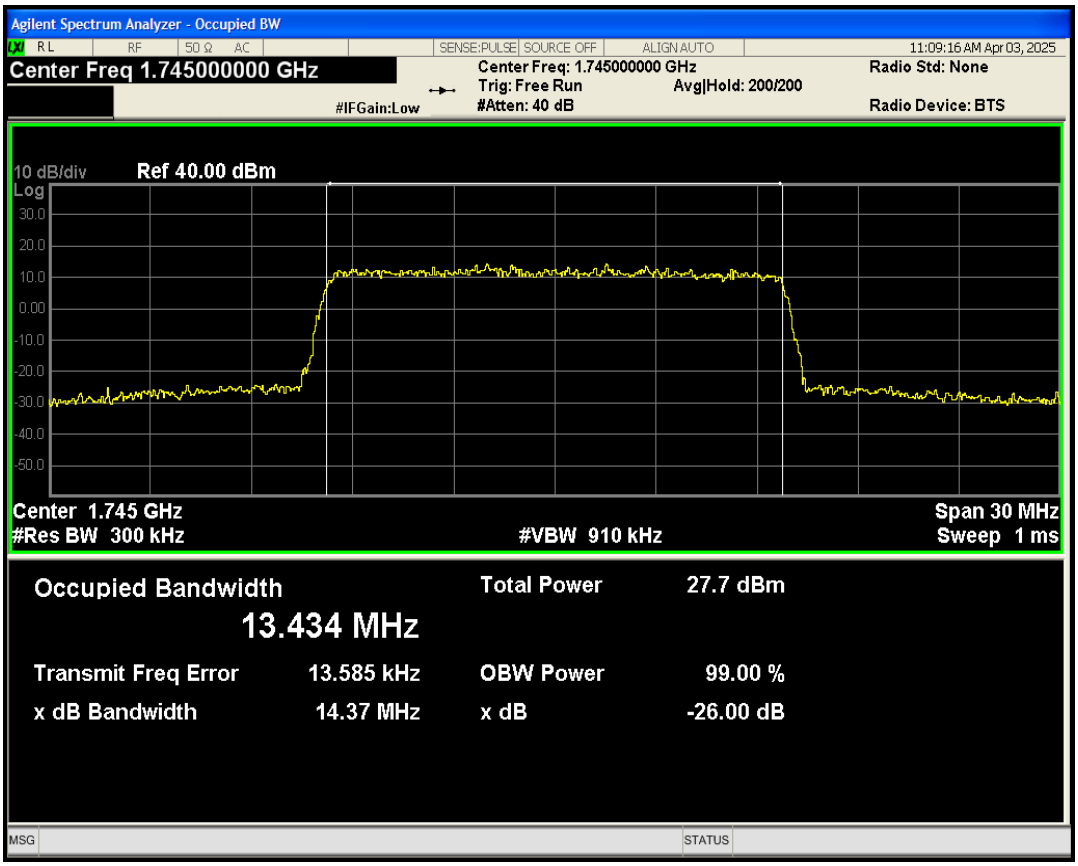
Band66 QAM16 BW=5MHz Channel=132322 RB Size=25 Position=#0



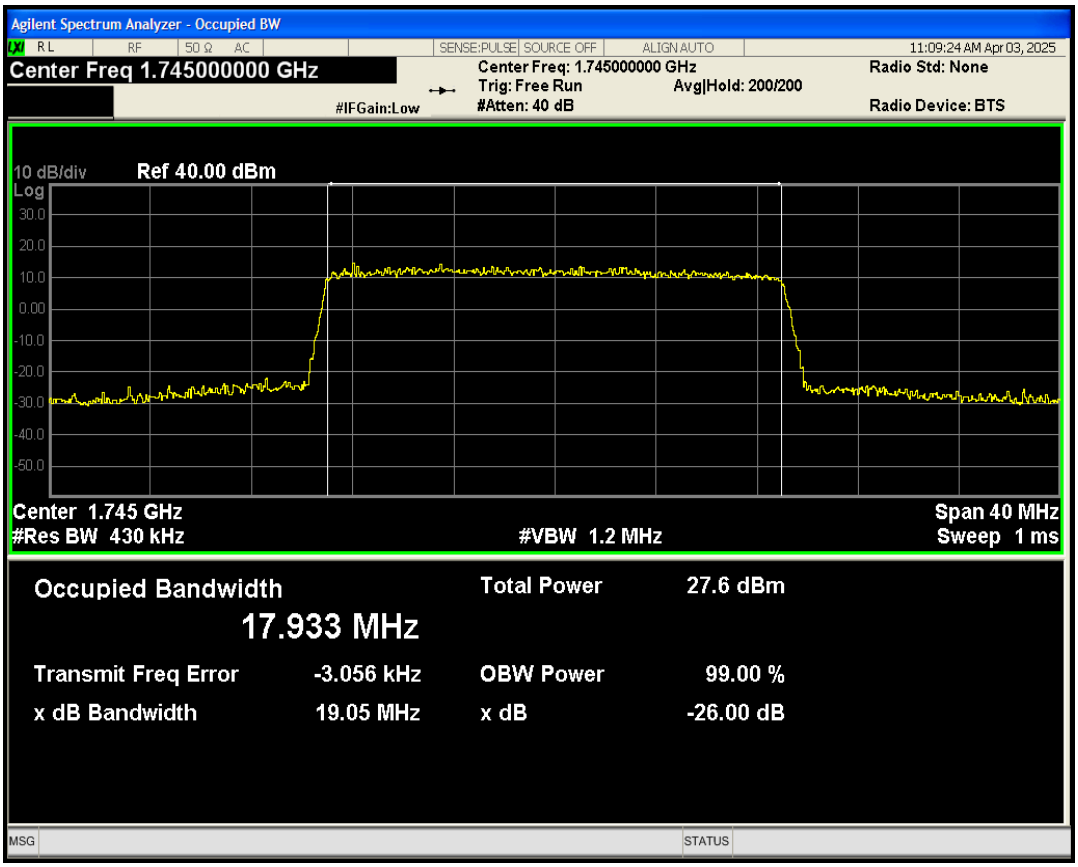
Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0



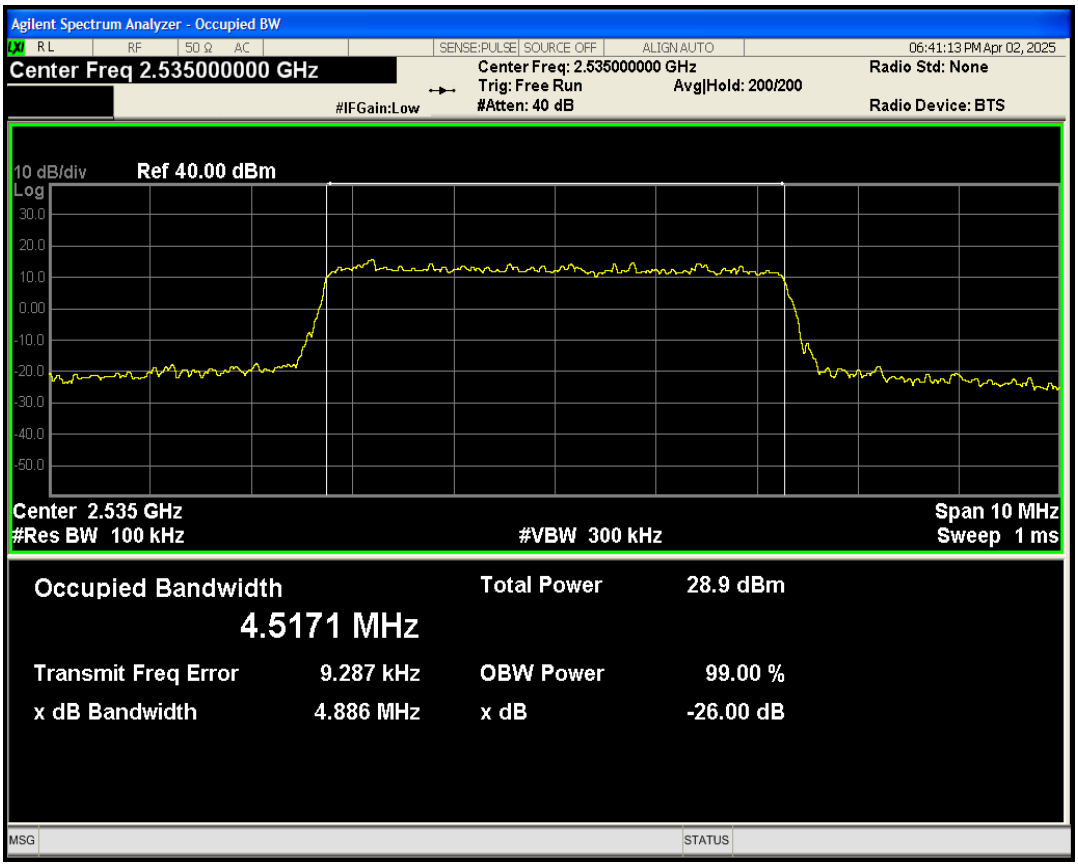
Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0



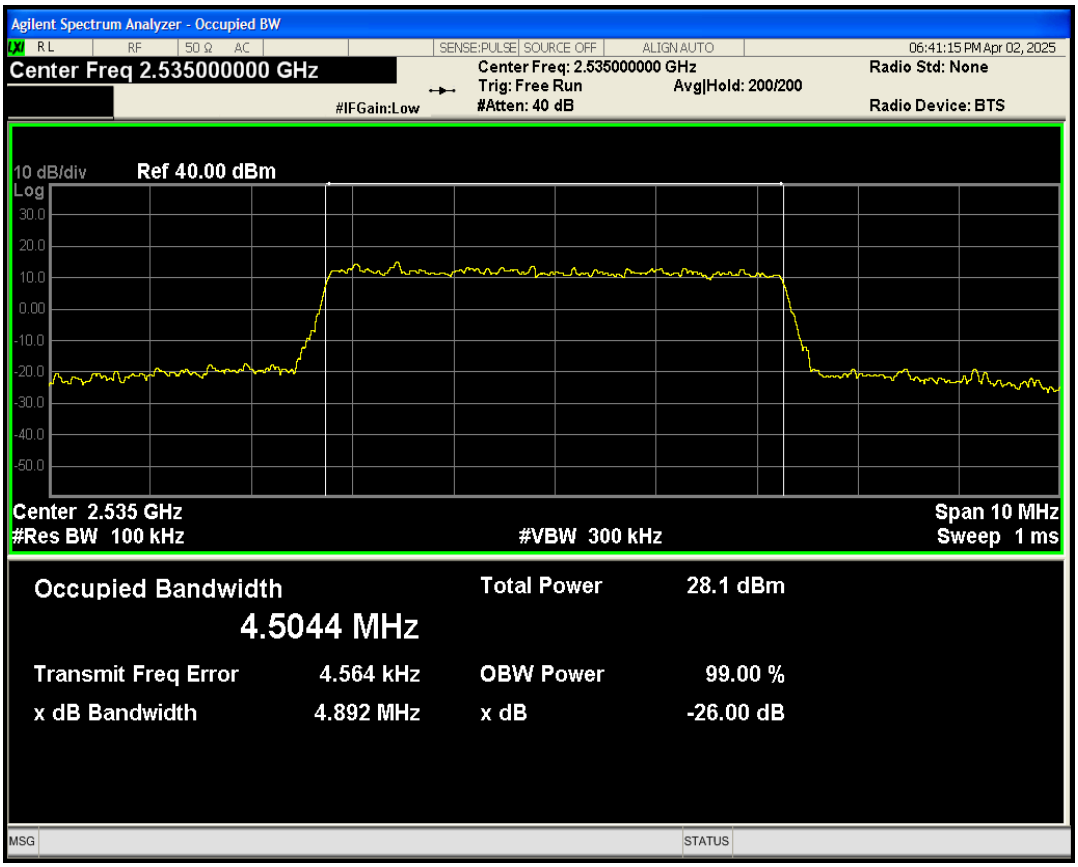
Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0



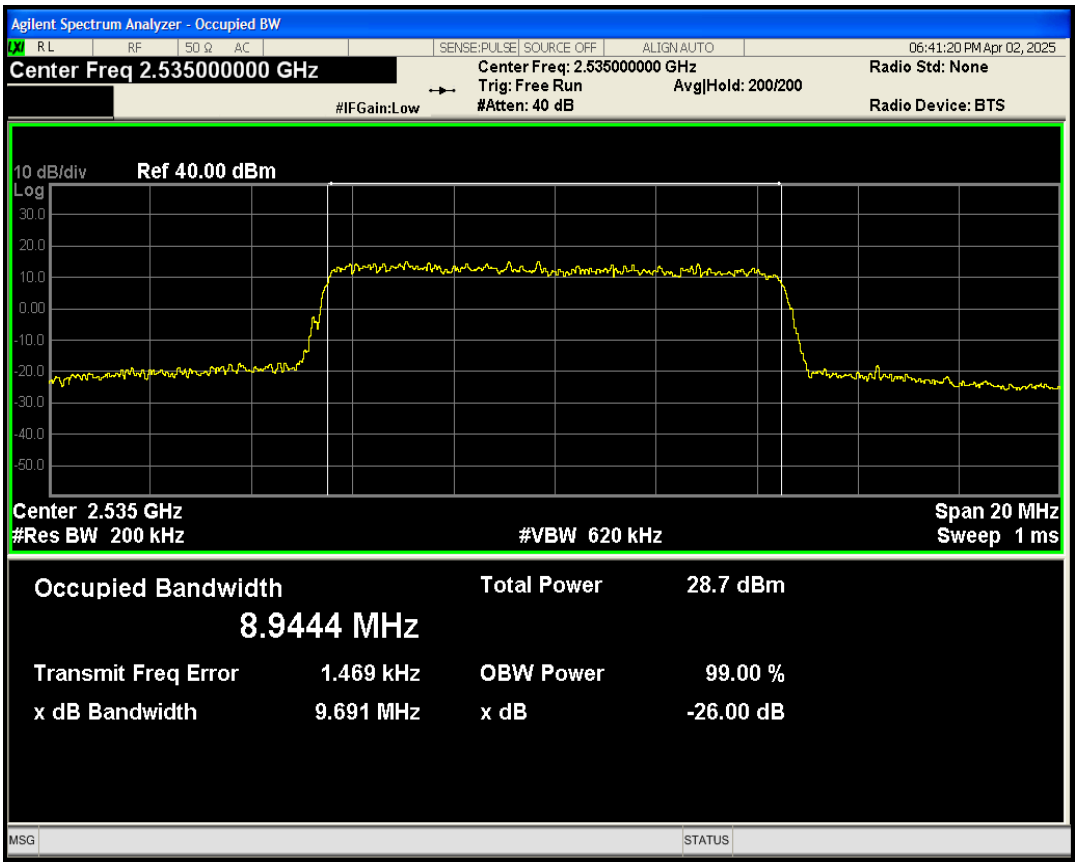
Band7 QPSK BW=5MHz Channel=21100 RB Size=25 Position=#0



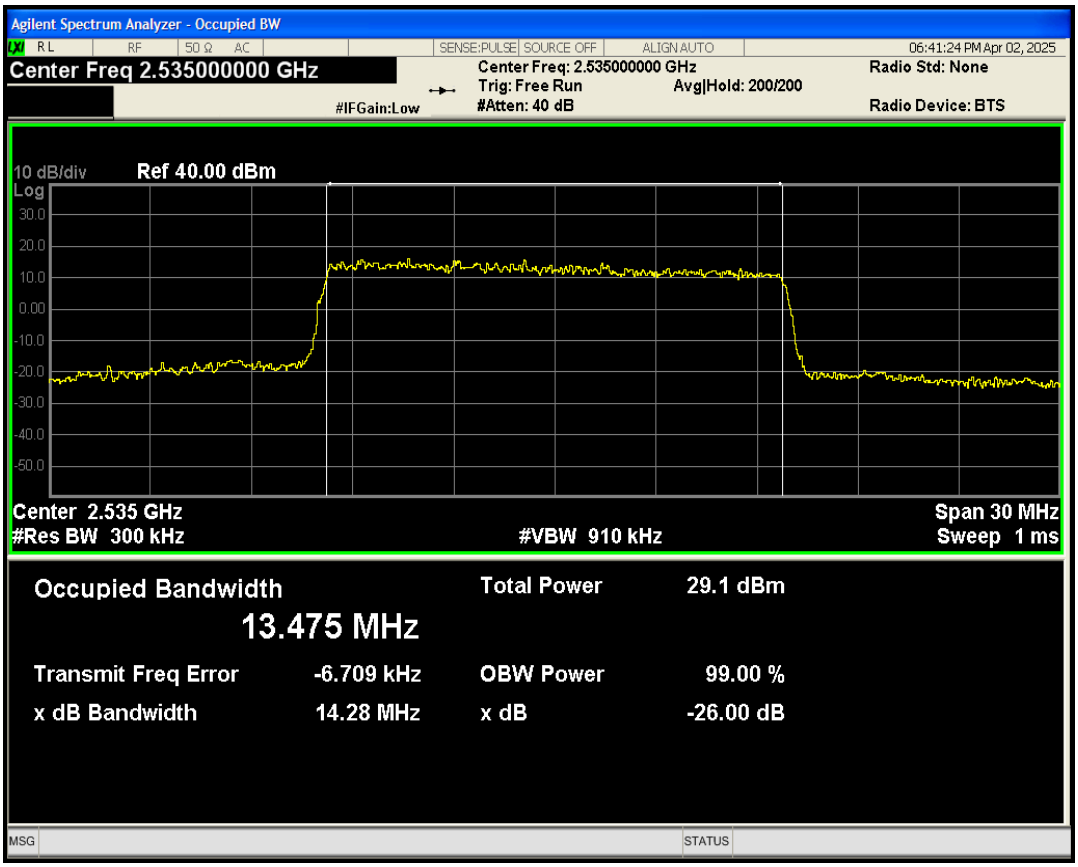
Band7 QAM16 BW=5MHz Channel=21100 RB Size=25 Position=#0



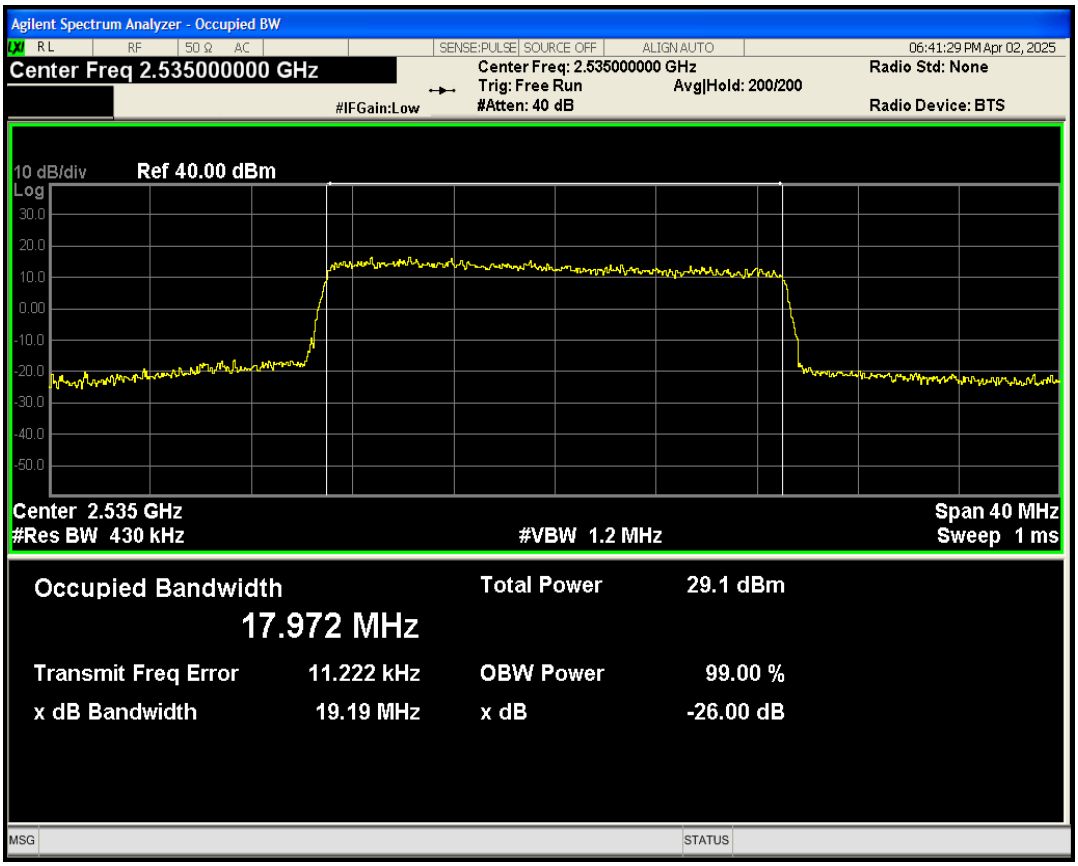
Band7 QPSK BW=10MHz Channel=21100 RB Size=50 Position=#0



Band7 QPSK BW=15MHz Channel=21100 RB Size=75 Position=#0



Band7 QPSK BW=20MHz Channel=21100 RB Size=100 Position=#0



5 Band edge

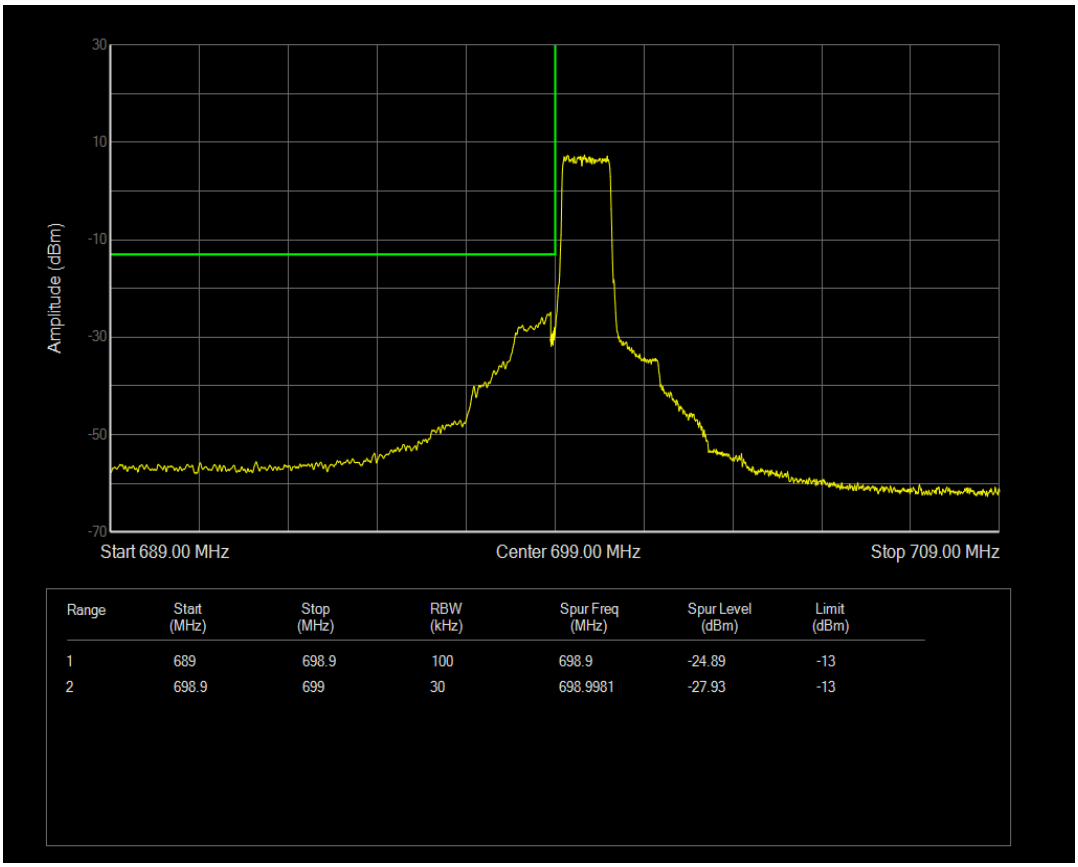
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band12	1.4	23017	6	#0	QPSK	698.90	-24.89	-13	PASS
Band12	1.4	23017	6	#0	QAM16	698.87	-26.07	-13	PASS
Band12	1.4	23173	6	#0	QPSK	716.11	-26.71	-13	PASS
Band12	1.4	23173	6	#0	QAM16	716.11	-26.87	-13	PASS
Band12	3	23025	15	#0	QPSK	698.90	-29.06	-13	PASS
Band12	3	23025	15	#0	QAM16	698.72	-29.74	-13	PASS
Band12	3	23165	15	#0	QPSK	716.13	-29.33	-13	PASS
Band12	3	23165	15	#0	QAM16	716.11	-29.13	-13	PASS
Band12	5	23035	25	#0	QPSK	698.87	-30.85	-13	PASS
Band12	5	23035	25	#0	QAM16	698.76	-31.17	-13	PASS
Band12	5	23155	25	#0	QPSK	716.27	-31.29	-13	PASS
Band12	5	23155	25	#0	QAM16	716.11	-32.04	-13	PASS
Band12	10	23060	50	#0	QPSK	698.88	-33.55	-13	PASS
Band12	10	23130	50	#0	QPSK	716.14	-34.55	-13	PASS
Band13	5	23205	25	#0	QPSK	776.87	-27.32	-13	PASS
Band13	5	23205	25	#0	QAM16	776.78	-28.54	-13	PASS
Band13	5	23255	25	#0	QPSK	787.25	-29.58	-13	PASS
Band13	5	23255	25	#0	QAM16	787.11	-29.66	-13	PASS
Band13	10	23230	50	#0	QPSK	793.12	-48.03	-35	PASS
Band17	5	23755	25	#0	QPSK	703.98	-32.26	-13	PASS
Band17	5	23755	25	#0	QAM16	704.00	-33.13	-13	PASS
Band17	5	23825	25	#0	QPSK	716.04	-32.68	-13	PASS
Band17	5	23825	25	#0	QAM16	716.00	-32.06	-13	PASS
Band17	10	23780	50	#0	QPSK	704.00	-35.12	-13	PASS
Band17	10	23800	50	#0	QPSK	716.00	-34.50	-13	PASS
Band2	1.4	18607	6	#0	QPSK	1850.00	-33.67	-13	PASS
Band2	1.4	18607	6	#0	QAM16	1850.00	-34.43	-13	PASS
Band2	1.4	19193	6	#0	QPSK	1910.00	-31.18	-13	PASS
Band2	1.4	19193	6	#0	QAM16	1910.02	-31.64	-13	PASS
Band2	3	18615	15	#0	QPSK	1850.00	-33.28	-13	PASS
Band2	3	18615	15	#0	QAM16	1850.00	-34.43	-13	PASS
Band2	3	19185	15	#0	QPSK	1910.00	-31.62	-13	PASS
Band2	3	19185	15	#0	QAM16	1910.02	-31.70	-13	PASS
Band2	5	18625	25	#0	QPSK	1850.00	-33.97	-13	PASS
Band2	5	18625	25	#0	QAM16	1849.98	-34.76	-13	PASS
Band2	5	19175	25	#0	QPSK	1910.00	-31.20	-13	PASS
Band2	5	19175	25	#0	QAM16	1910.01	-32.00	-13	PASS
Band2	10	18650	50	#0	QPSK	1850.00	-37.21	-13	PASS
Band2	10	19150	50	#0	QPSK	1910.36	-33.95	-13	PASS
Band2	15	18675	75	#0	QPSK	1849.22	-39.10	-13	PASS
Band2	15	19125	75	#0	QPSK	1910.24	-34.79	-13	PASS
Band2	20	18700	100	#0	QPSK	1849.80	-39.86	-13	PASS

Band2	20	19100	100	#0	QPSK	1910.00	-33.27	-13	PASS
Band38	5	37775	25	#0	QPSK	2561.29	-41.75	-25	PASS
Band38	5	37775	25	#0	QAM16	2562.96	-41.72	-25	PASS
Band38	5	38225	25	#0	QPSK	2626.35	-40.93	-25	PASS
Band38	5	38225	25	#0	QAM16	2627.57	-40.86	-25	PASS
Band38	10	37800	50	#0	QPSK	2557.55	-41.70	-25	PASS
Band38	10	38200	50	#0	QPSK	2631.65	-40.95	-25	PASS
Band38	15	37825	75	#0	QPSK	2551.49	-41.73	-25	PASS
Band38	15	38175	75	#0	QPSK	2635.75	-40.98	-25	PASS
Band38	20	37850	100	#0	QPSK	2547.61	-41.79	-25	PASS
Band38	20	38150	100	#0	QPSK	2643.20	-41.17	-25	PASS
Band4	1.4	19957	6	#0	QPSK	1709.99	-34.08	-13	PASS
Band4	1.4	19957	6	#0	QAM16	1710.00	-33.89	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.03	-31.92	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.00	-32.04	-13	PASS
Band4	3	19965	15	#0	QPSK	1709.99	-33.59	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-34.09	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.00	-31.52	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.01	-32.55	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.98	-33.89	-13	PASS
Band4	5	19975	25	#0	QAM16	1710.00	-34.70	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.00	-32.25	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-32.38	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.92	-37.57	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.16	-34.17	-13	PASS
Band4	15	20025	75	#0	QPSK	1709.01	-36.23	-13	PASS
Band4	15	20325	75	#0	QPSK	1757.19	-34.03	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.64	-36.23	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.20	-35.50	-13	PASS
Band40a	5	38725	25	#0	QPSK	2334.22	-41.82	-37	PASS
Band40a	5	38725	25	#0	QAM16	2331.28	-42.06	-37	PASS
Band40a	5	38775	25	#0	QPSK	2329.23	-41.92	-37	PASS
Band40a	5	38775	25	#0	QAM16	2335.71	-41.99	-37	PASS
Band40a	10	38750	50	#0	QPSK	2291.90	-40.89	-37	PASS
Band40b	5	39175	25	#0	QPSK	2365.98	-41.29	-40	PASS
Band40b	5	39175	25	#0	QAM16	2365.32	-41.21	-40	PASS
Band40b	5	39225	25	#0	QPSK	2365.63	-41.09	-40	PASS
Band40b	5	39225	25	#0	QAM16	2376.91	-41.83	-40	PASS
Band40b	10	39200	50	#0	QPSK	2366.14	-41.56	-40	PASS
Band41	5	39675	25	#0	QPSK	2495.00	-19.61	-13	PASS
Band41	5	39675	25	#0	QAM16	2495.00	-18.85	-13	PASS
Band41	5	41565	25	#0	QPSK	2696.82	-30.82	-25	PASS
Band41	5	41565	25	#0	QAM16	2696.13	-30.78	-25	PASS
Band41	10	39700	50	#0	QPSK	2485.80	-38.73	-25	PASS

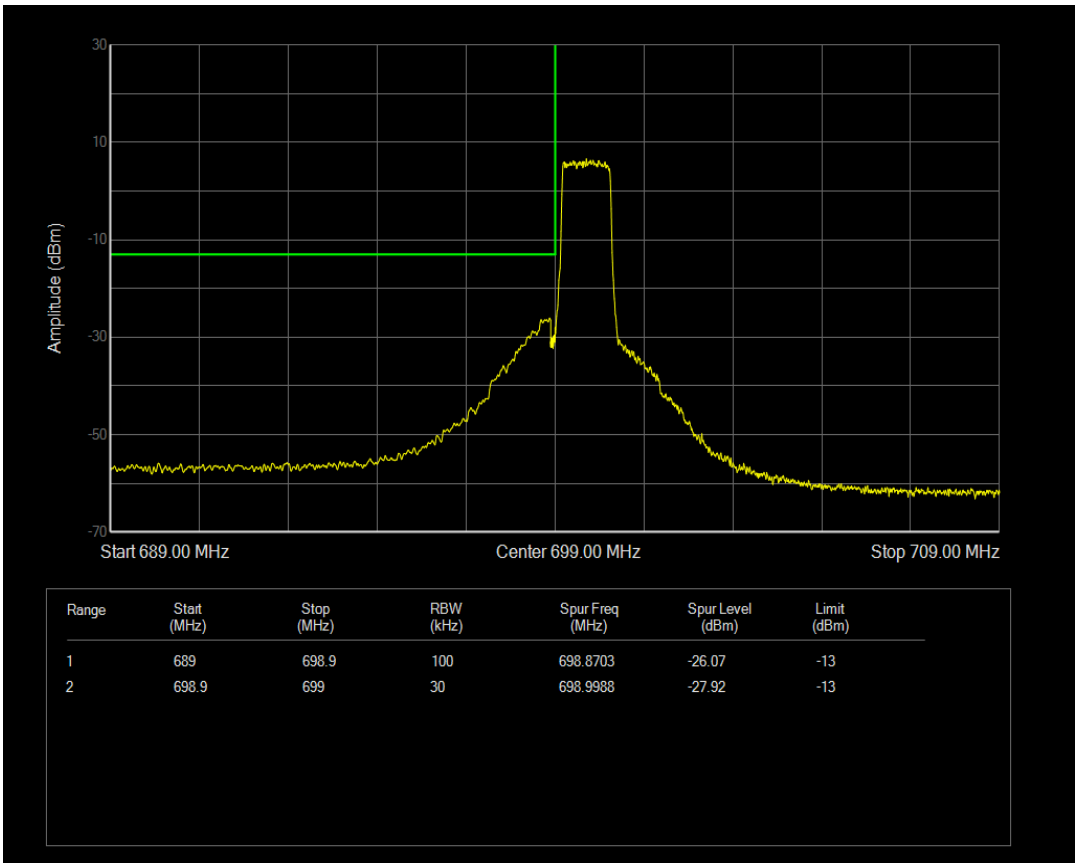
Band41	10	41540	50	#0	QPSK	2701.58	-33.75	-25	PASS
Band41	15	39725	75	#0	QPSK	2480.98	-39.82	-25	PASS
Band41	15	41515	75	#0	QPSK	2705.28	-34.43	-25	PASS
Band41	20	39750	100	#0	QPSK	2475.74	-40.36	-25	PASS
Band41	20	41490	100	#0	QPSK	2711.54	-36.68	-25	PASS
Band5	1.4	20407	6	#0	QPSK	823.99	-33.28	-13	PASS
Band5	1.4	20407	6	#0	QAM16	824.00	-32.60	-13	PASS
Band5	1.4	20643	6	#0	QPSK	849.01	-34.09	-13	PASS
Band5	1.4	20643	6	#0	QAM16	849.00	-33.87	-13	PASS
Band5	3	20415	15	#0	QPSK	824.00	-32.22	-13	PASS
Band5	3	20415	15	#0	QAM16	824.00	-31.16	-13	PASS
Band5	3	20635	15	#0	QPSK	849.00	-31.46	-13	PASS
Band5	3	20635	15	#0	QAM16	849.00	-32.68	-13	PASS
Band5	5	20425	25	#0	QPSK	823.99	-31.54	-13	PASS
Band5	5	20425	25	#0	QAM16	823.97	-33.01	-13	PASS
Band5	5	20625	25	#0	QPSK	849.04	-33.39	-13	PASS
Band5	5	20625	25	#0	QAM16	849.05	-32.75	-13	PASS
Band5	10	20450	50	#0	QPSK	824.00	-34.63	-13	PASS
Band5	10	20600	50	#0	QPSK	849.00	-35.22	-13	PASS
Band66	1.4	131979	6	#0	QPSK	1710.00	-32.11	-13	PASS
Band66	1.4	131979	6	#0	QAM16	1709.99	-33.05	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.00	-35.67	-13	PASS
Band66	1.4	132665	6	#0	QAM16	1780.00	-35.14	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-33.41	-13	PASS
Band66	3	131987	15	#0	QAM16	1710.00	-33.63	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-35.66	-13	PASS
Band66	3	132657	15	#0	QAM16	1780.00	-35.81	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-33.55	-13	PASS
Band66	5	131997	25	#0	QAM16	1710.00	-33.23	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.03	-35.45	-13	PASS
Band66	5	132647	25	#0	QAM16	1780.00	-34.54	-13	PASS
Band66	10	132022	50	#0	QPSK	1710.00	-36.85	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.08	-39.67	-13	PASS
Band66	15	132047	75	#0	QPSK	1709.34	-36.02	-13	PASS
Band66	15	132597	75	#0	QPSK	1782.16	-37.05	-13	PASS
Band66	20	132072	100	#0	QPSK	1709.64	-34.64	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.16	-35.86	-13	PASS
Band7	5	20775	25	#0	QPSK	2499.00	-13.68	-10	PASS
Band7	5	20775	25	#0	QAM16	2499.00	-13.80	-10	PASS
Band7	5	21425	25	#0	QPSK	2571.02	-15.51	-10	PASS
Band7	5	21425	25	#0	QAM16	2571.02	-15.71	-10	PASS
Band7	10	20800	50	#0	QPSK	2490.00	-34.69	-25	PASS
Band7	10	21400	50	#0	QPSK	2580.02	-38.52	-25	PASS
Band7	15	20825	75	#0	QPSK	2493.48	-25.52	-13	PASS

Band7	15	21375	75	#0	QPSK	2585.15	-37.89	-25	PASS
Band7	20	20850	100	#0	QPSK	2493.15	-27.92	-13	PASS
Band7	20	21350	100	#0	QPSK	2590.23	-39.88	-25	PASS

Band12 QPSK BW=1.4MHz Channel=23017 RB Size=6 Position=#0

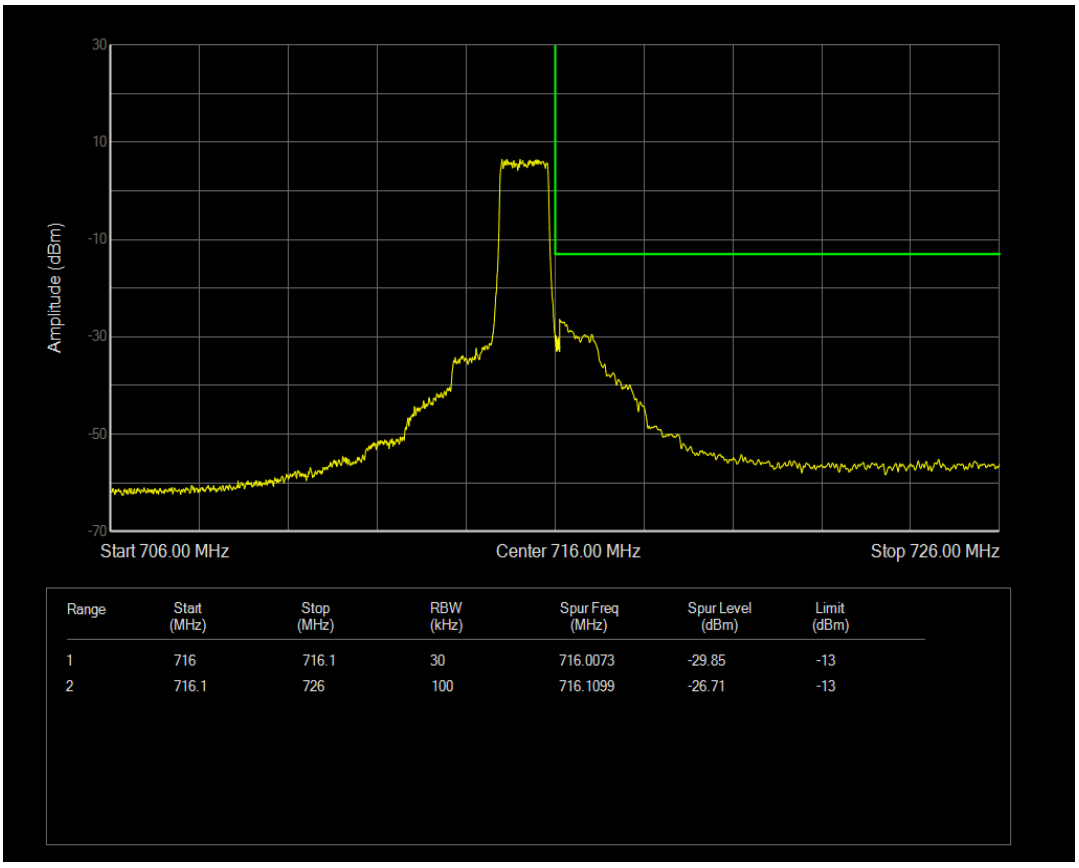


Band12 QAM16 BW=1.4MHz Channel=23017 RB Size=6 Position=#0



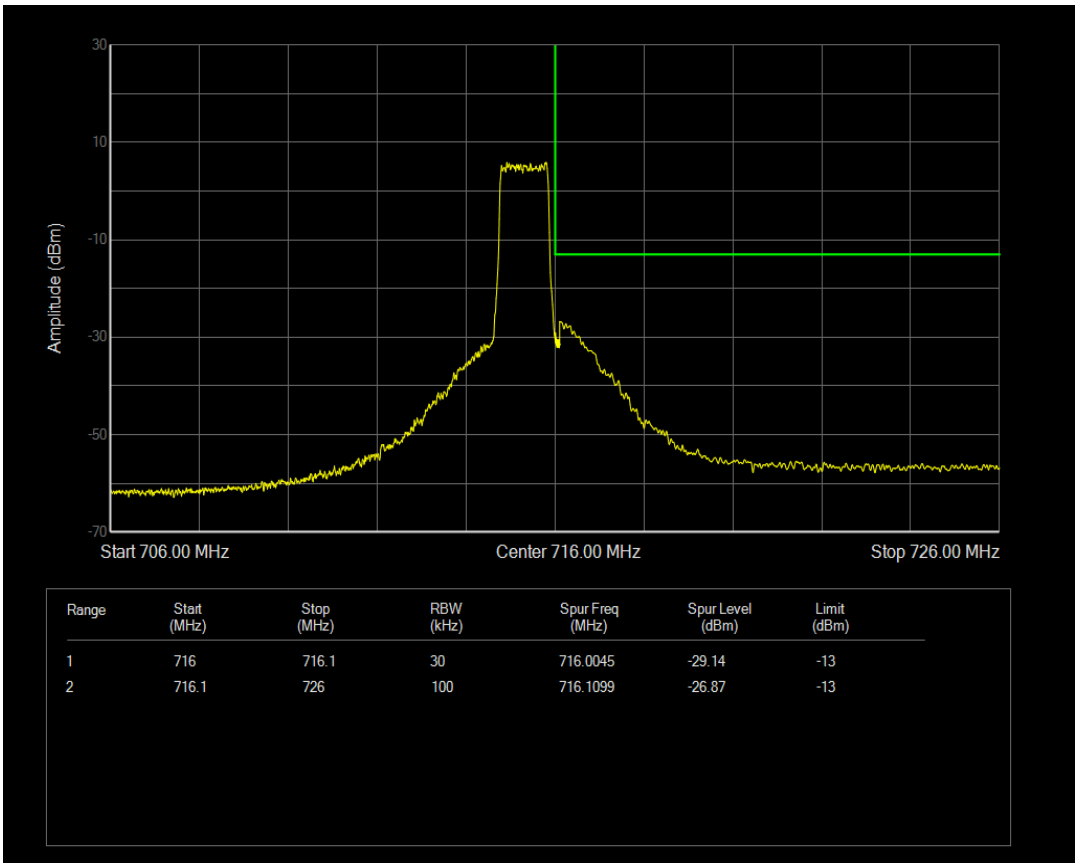
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8703	-26.07	-13
2	698.9	699	30	698.9988	-27.92	-13

Band12 QPSK BW=1.4MHz Channel=23173 RB Size=6 Position=#0



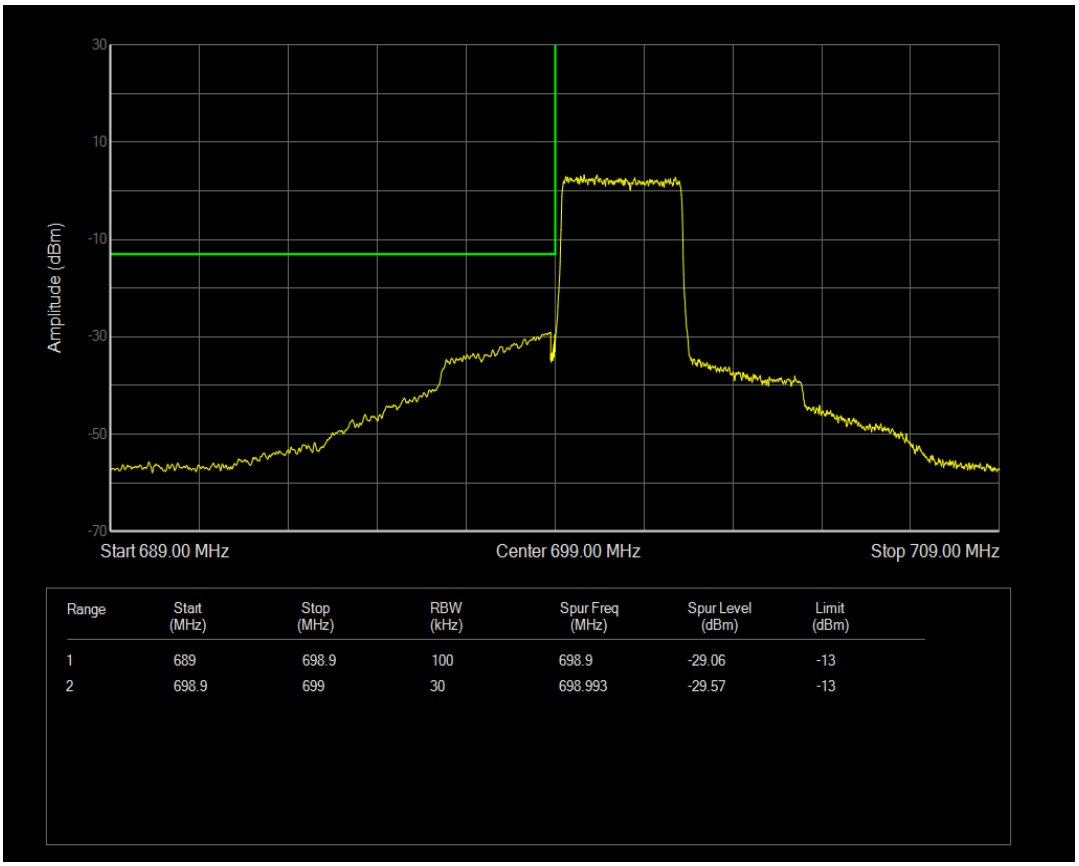
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0073	-29.85	-13
2	716.1	726	100	716.1099	-26.71	-13

Band12 QAM16 BW=1.4MHz Channel=23173 RB Size=6 Position=#0



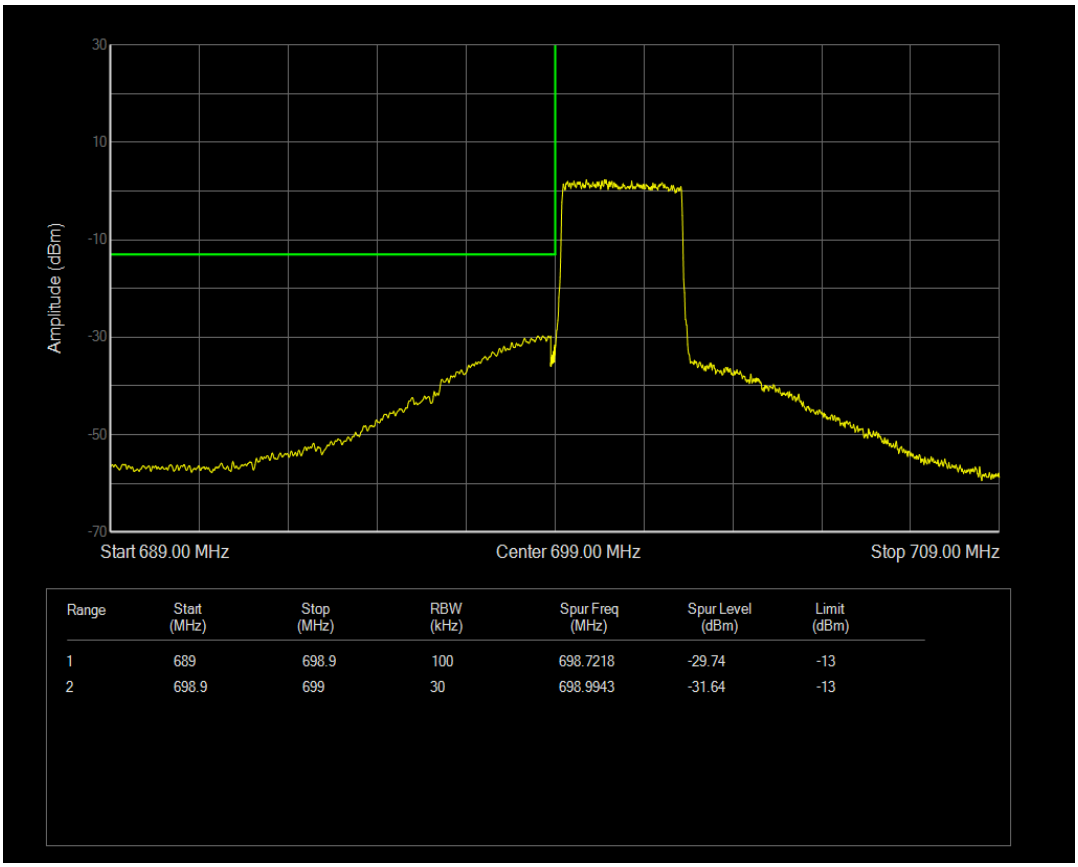
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0045	-29.14	-13
2	716.1	726	100	716.1099	-26.87	-13

Band12 QPSK BW=3MHz Channel=23025 RB Size=15 Position=#0



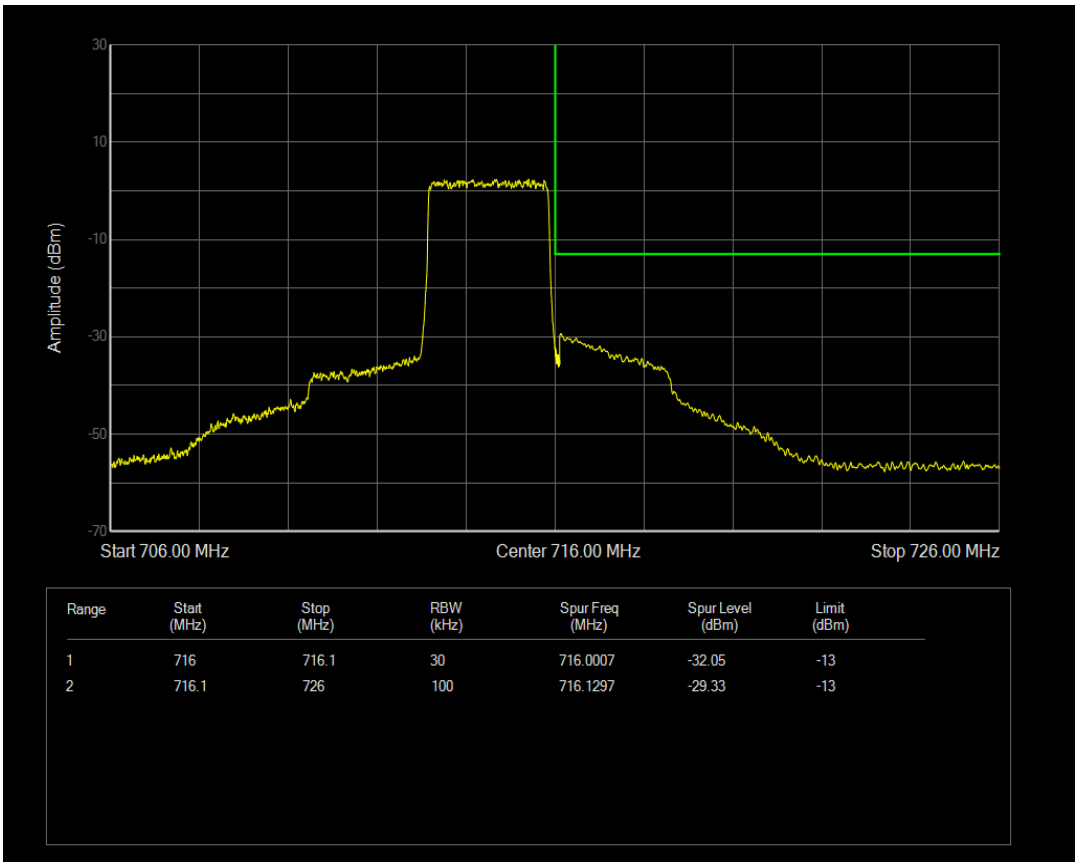
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.9	-29.06	-13
2	698.9	699	30	698.993	-29.57	-13

Band12 QAM16 BW=3MHz Channel=23025 RB Size=15 Position=#0



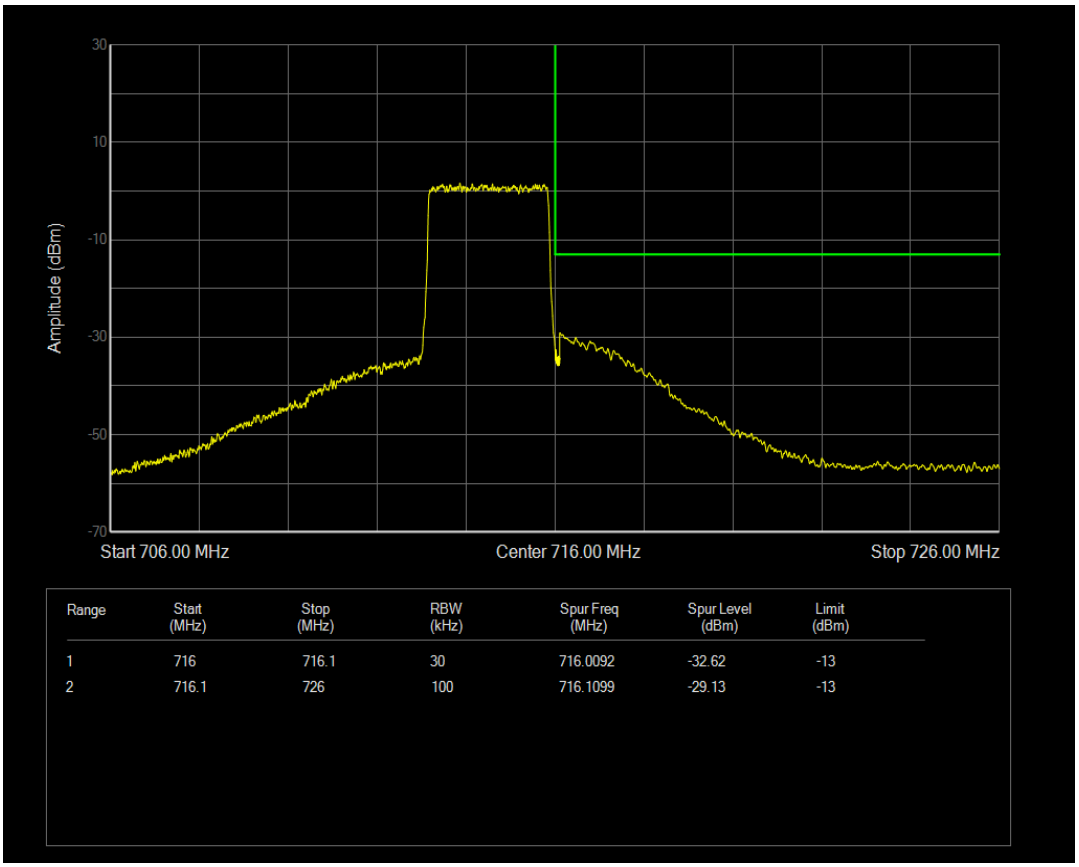
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.7218	-29.74	-13
2	698.9	699	30	698.9943	-31.64	-13

Band12 QPSK BW=3MHz Channel=23165 RB Size=15 Position=#0



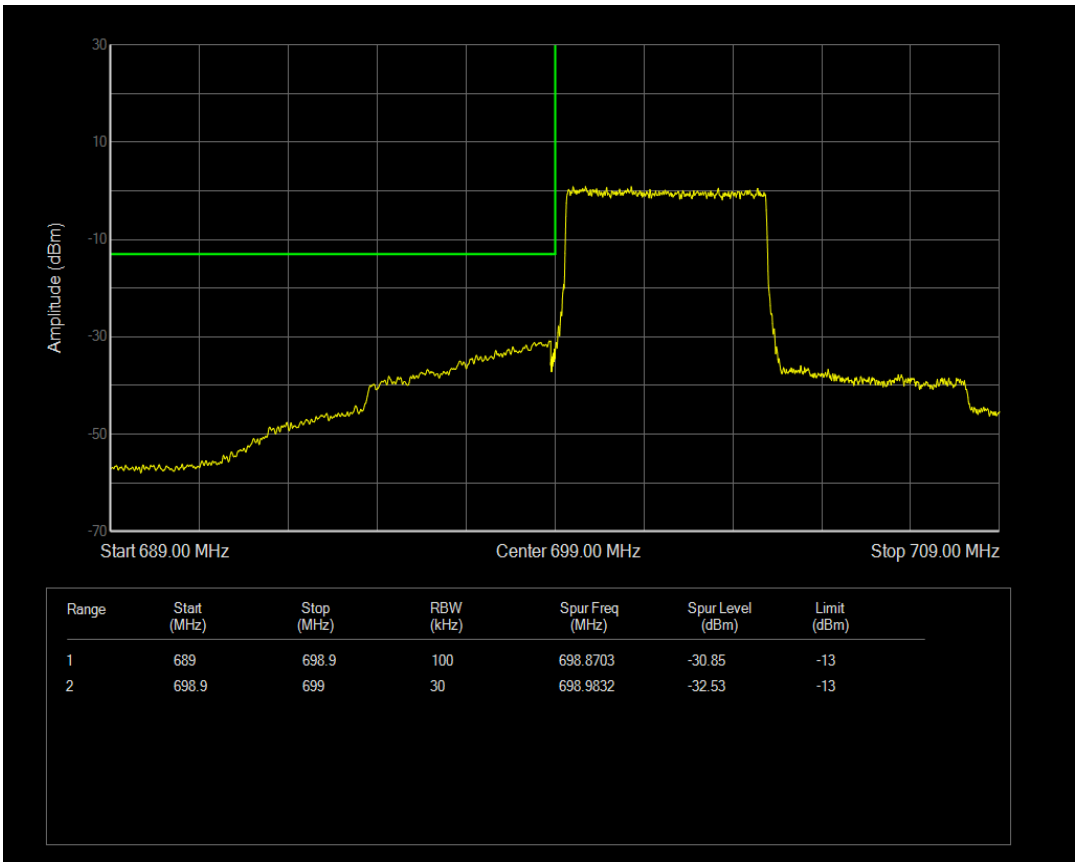
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0007	-32.05	-13
2	716.1	726	100	716.1297	-29.33	-13

Band12 QAM16 BW=3MHz Channel=23165 RB Size=15 Position=#0



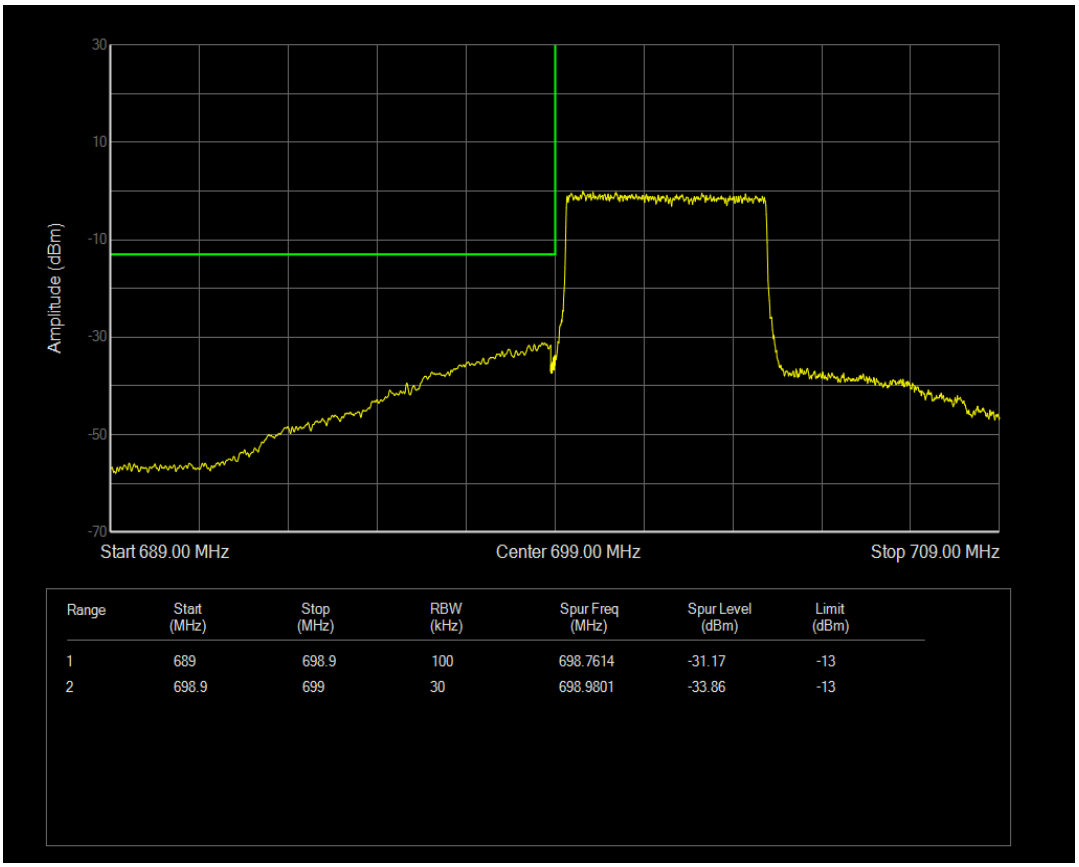
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0092	-32.62	-13
2	716.1	726	100	716.1099	-29.13	-13

Band12 QPSK BW=5MHz Channel=23035 RB Size=25 Position=#0



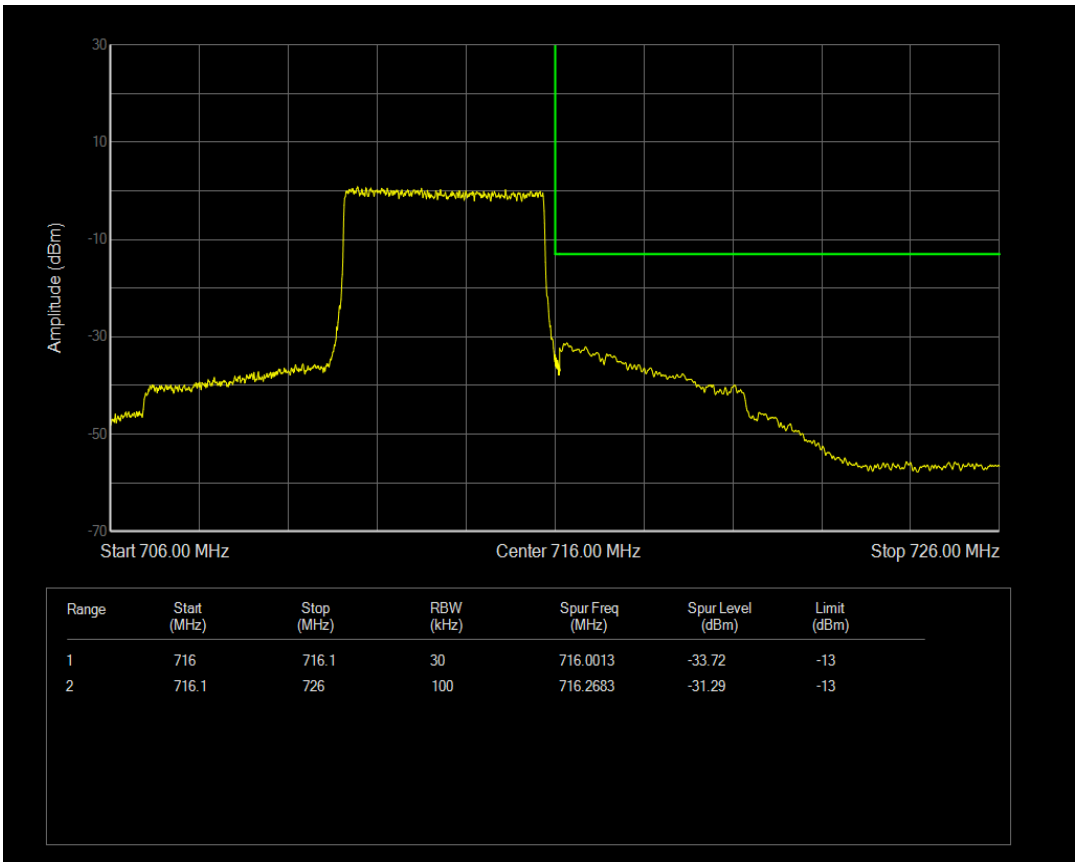
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.8703	-30.85	-13
2	698.9	699	30	698.9832	-32.53	-13

Band12 QAM16 BW=5MHz Channel=23035 RB Size=25 Position=#0



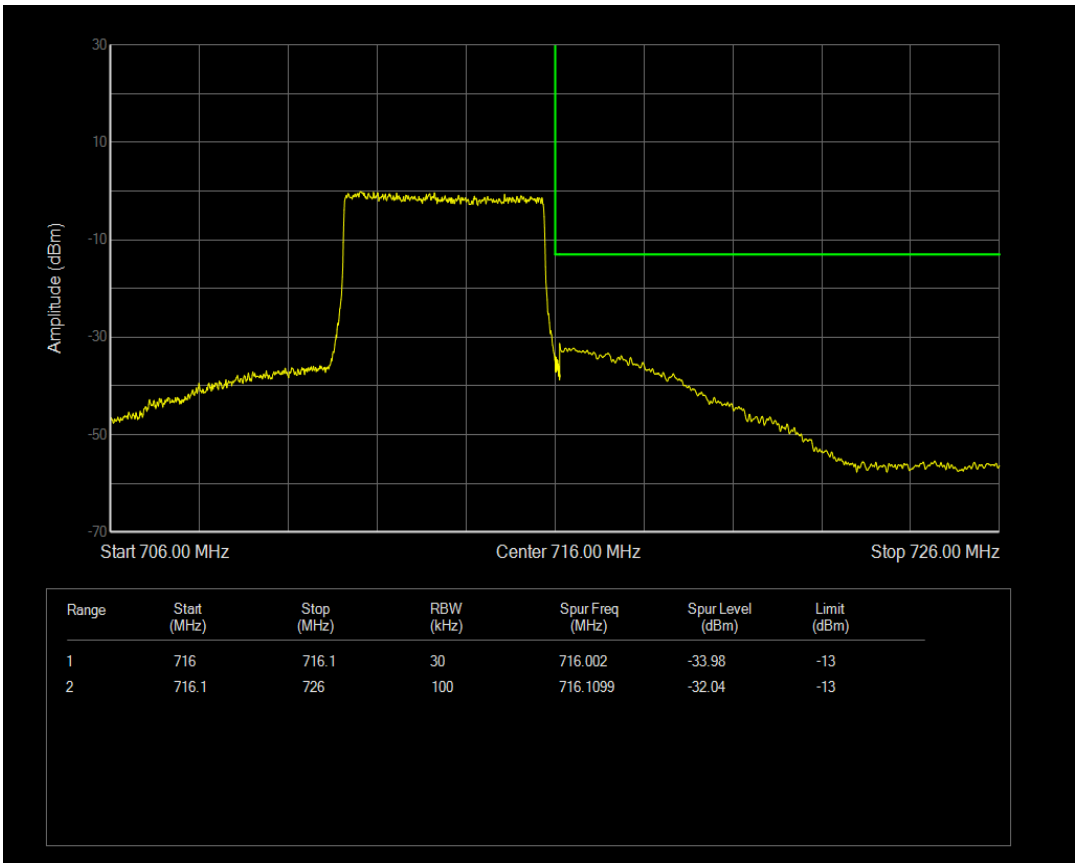
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	689	698.9	100	698.7614	-31.17	-13
2	698.9	699	30	698.9801	-33.86	-13

Band12 QPSK BW=5MHz Channel=23155 RB Size=25 Position=#0



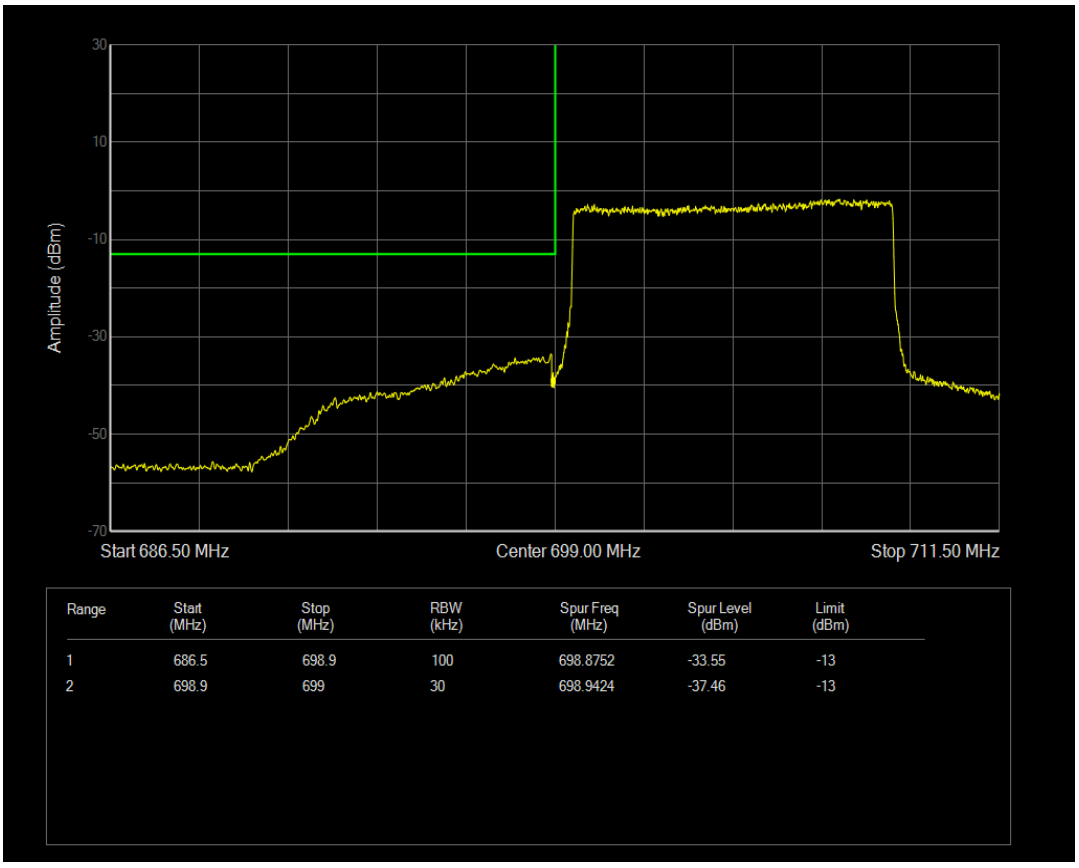
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0013	-33.72	-13
2	716.1	726	100	716.2683	-31.29	-13

Band12 QAM16 BW=5MHz Channel=23155 RB Size=25 Position=#0



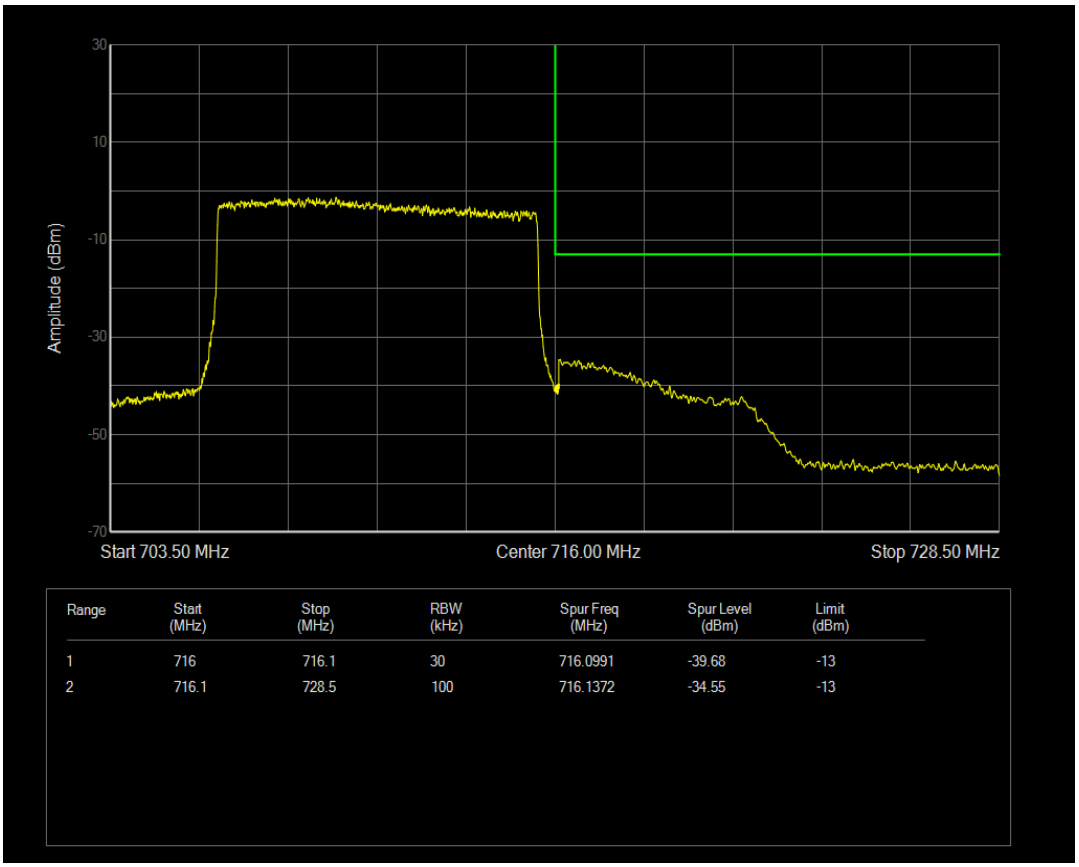
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.002	-33.98	-13
2	716.1	726	100	716.1099	-32.04	-13

Band12 QPSK BW=10MHz Channel=23060 RB Size=50 Position=#0



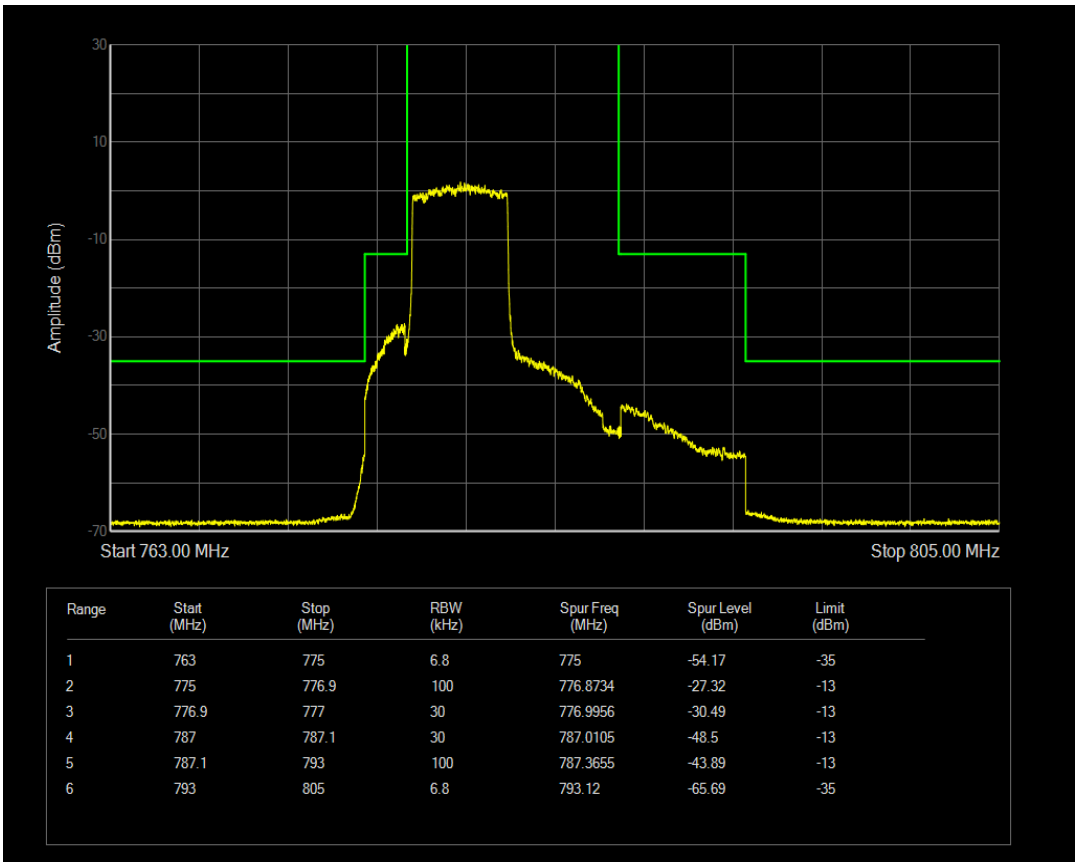
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	686.5	698.9	100	698.8752	-33.55	-13
2	698.9	699	30	698.9424	-37.46	-13

Band12 QPSK BW=10MHz Channel=23130 RB Size=50 Position=#0



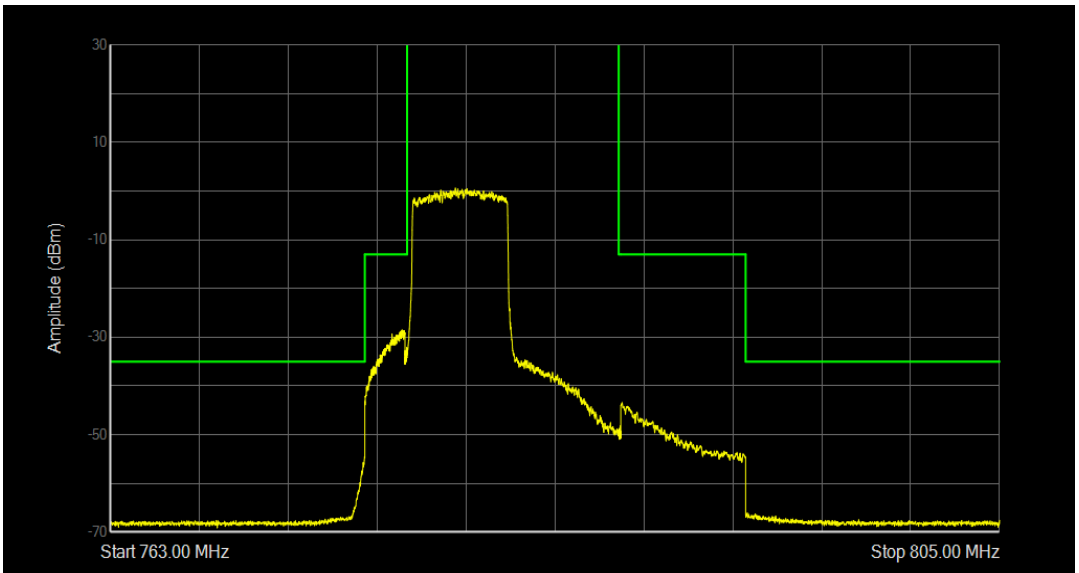
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	716	716.1	30	716.0991	-39.68	-13
2	716.1	728.5	100	716.1372	-34.55	-13

Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



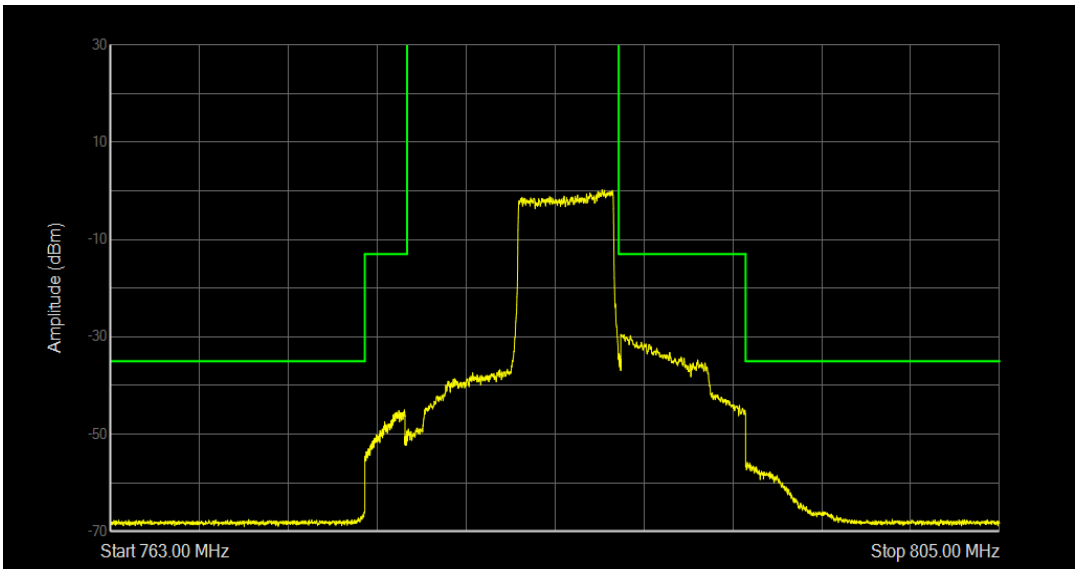
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	775	-54.17	-35
2	775	776.9	100	776.8734	-27.32	-13
3	776.9	777	30	776.9956	-30.49	-13
4	787	787.1	30	787.0105	-48.5	-13
5	787.1	793	100	787.3655	-43.89	-13
6	793	805	6.8	793.12	-65.69	-35

Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



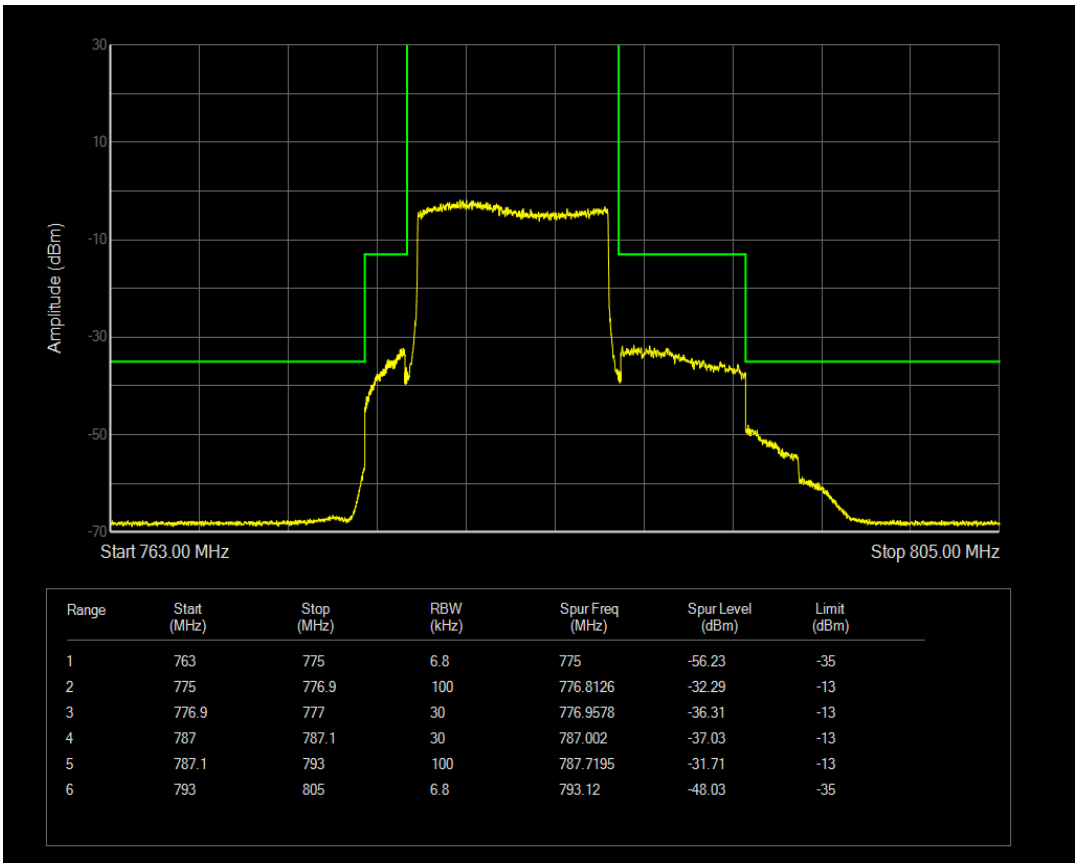
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	774.988	-54.53	-35
2	775	776.9	100	776.7841	-28.54	-13
3	776.9	777	30	776.992	-32.17	-13
4	787	787.1	30	787.0662	-48.25	-13
5	787.1	793	100	787.159	-43.44	-13
6	793	805	6.8	793.084	-66.11	-35

Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



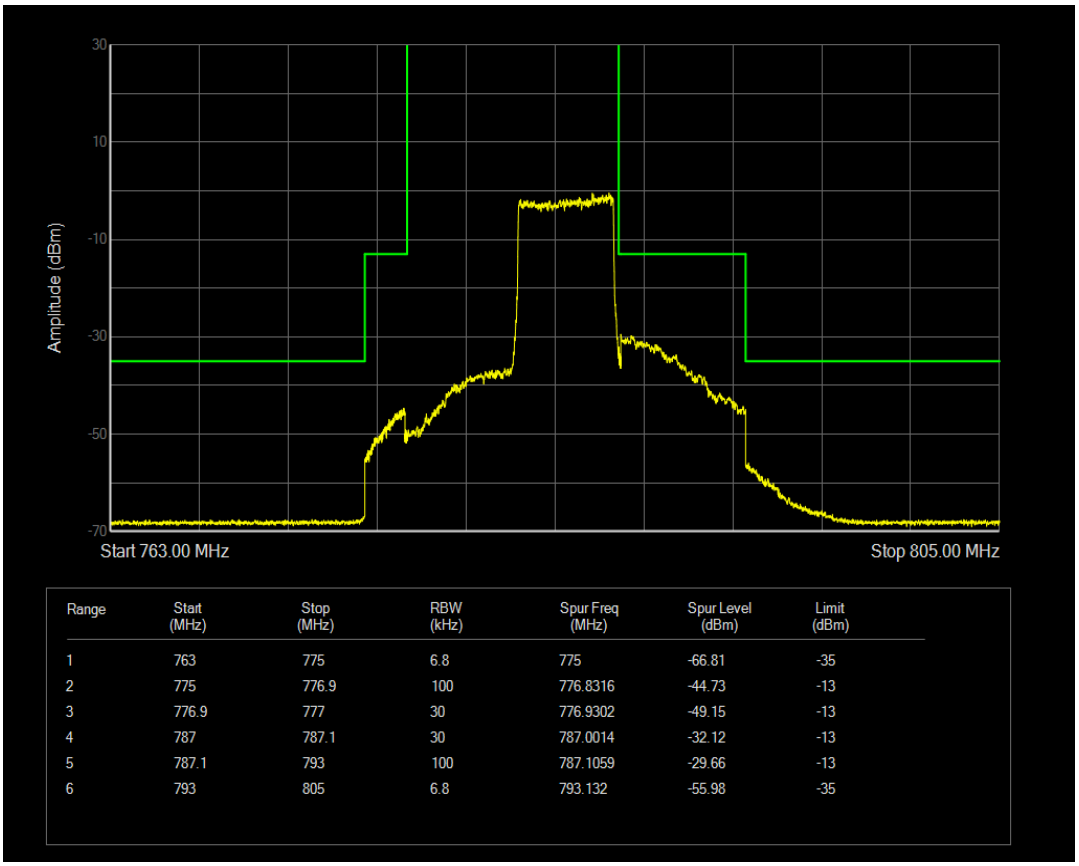
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	775	-65.92	-35
2	775	776.9	100	776.8715	-45.02	-13
3	776.9	777	30	776.9974	-49.42	-13
4	787	787.1	30	787.0138	-33.47	-13
5	787.1	793	100	787.2475	-29.58	-13
6	793	805	6.8	793.084	-55.81	-35

Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0



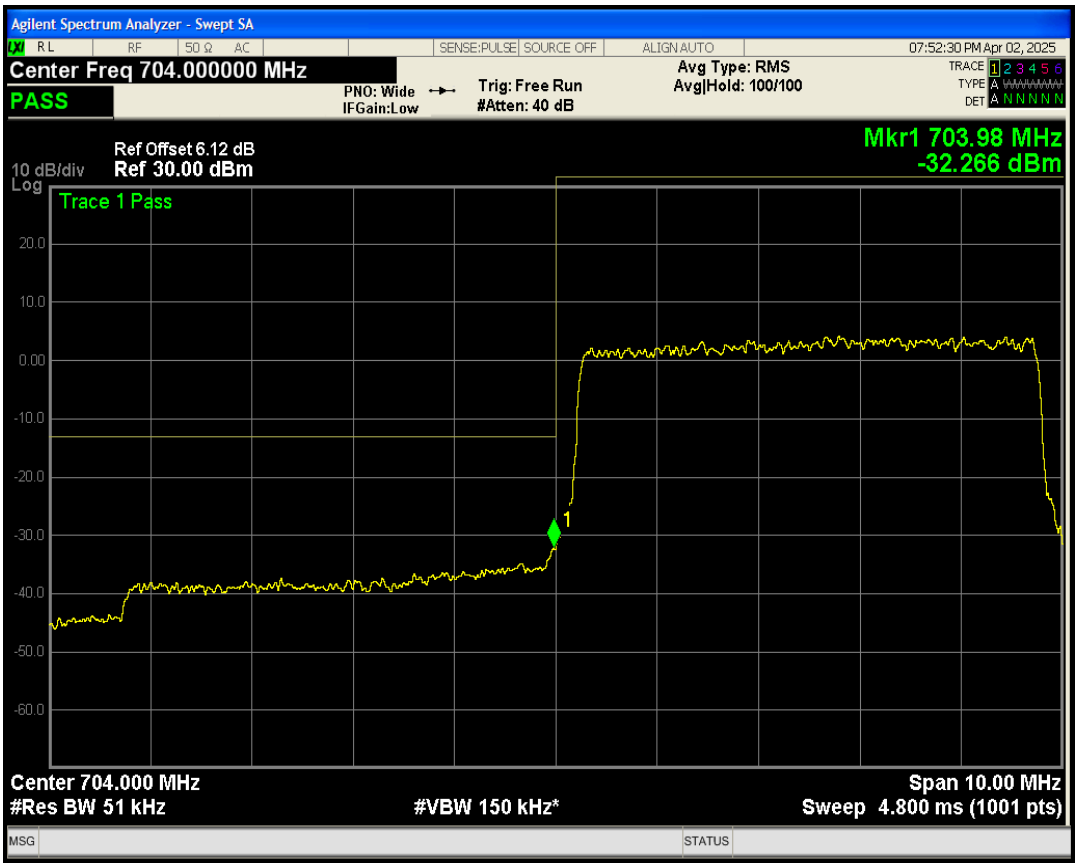
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	775	-56.23	-35
2	775	776.9	100	776.8126	-32.29	-13
3	776.9	777	30	776.9578	-36.31	-13
4	787	787.1	30	787.002	-37.03	-13
5	787.1	793	100	787.7195	-31.71	-13
6	793	805	6.8	793.12	-48.03	-35

Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0

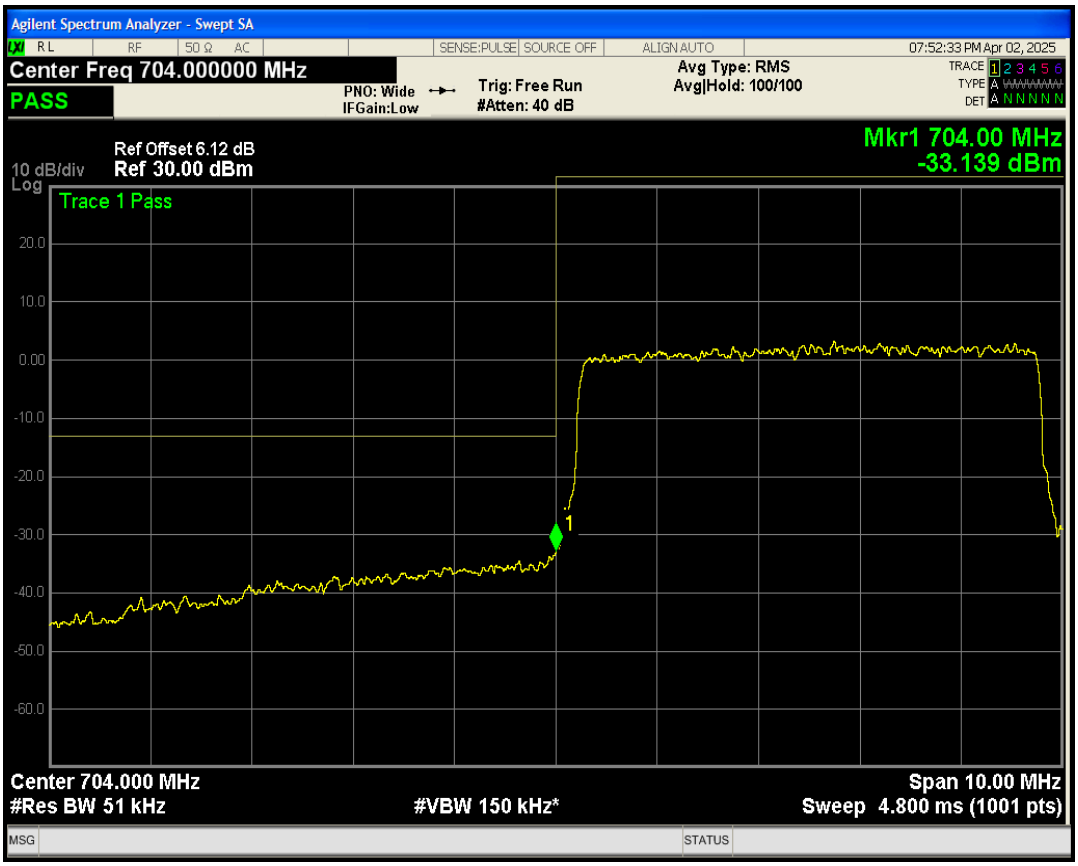


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	775	-66.81	-35
2	775	776.9	100	776.8316	-44.73	-13
3	776.9	777	30	776.9302	-49.15	-13
4	787	787.1	30	787.0014	-32.12	-13
5	787.1	793	100	787.1059	-29.66	-13
6	793	805	6.8	793.132	-55.98	-35

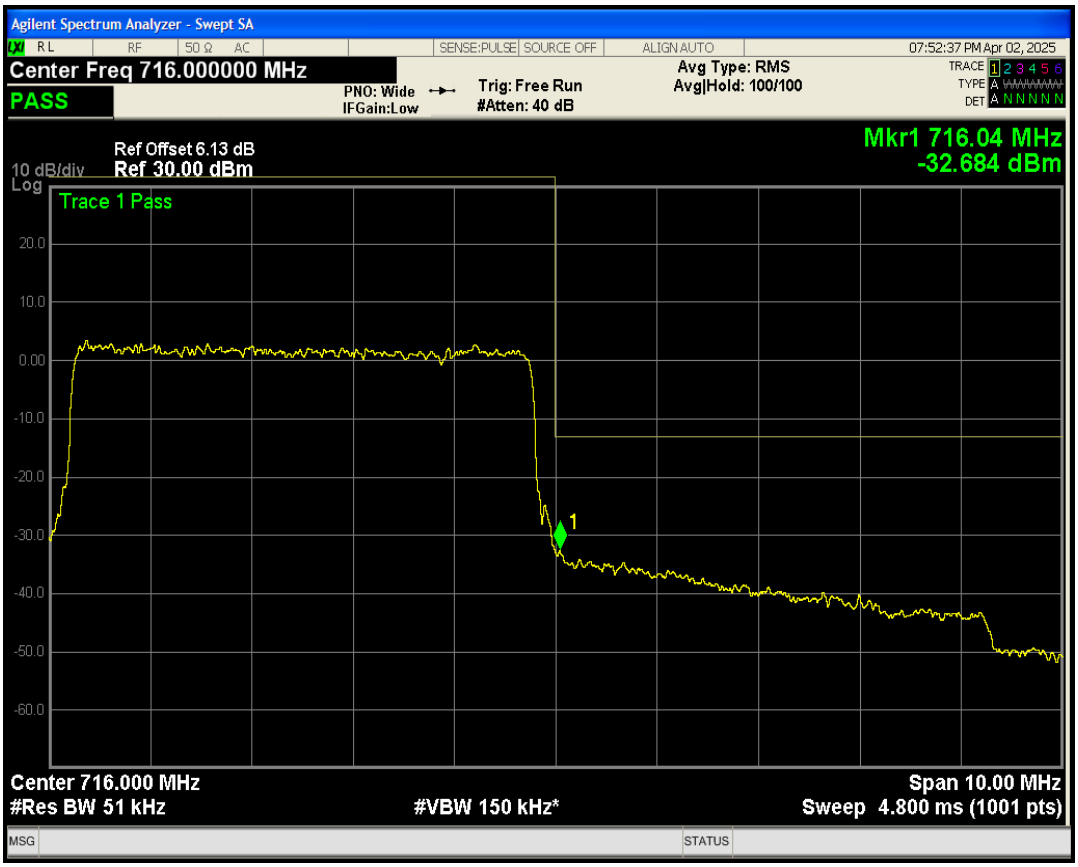
Band17 QPSK BW=5MHz Channel=23755 RB Size=25 Position=#0



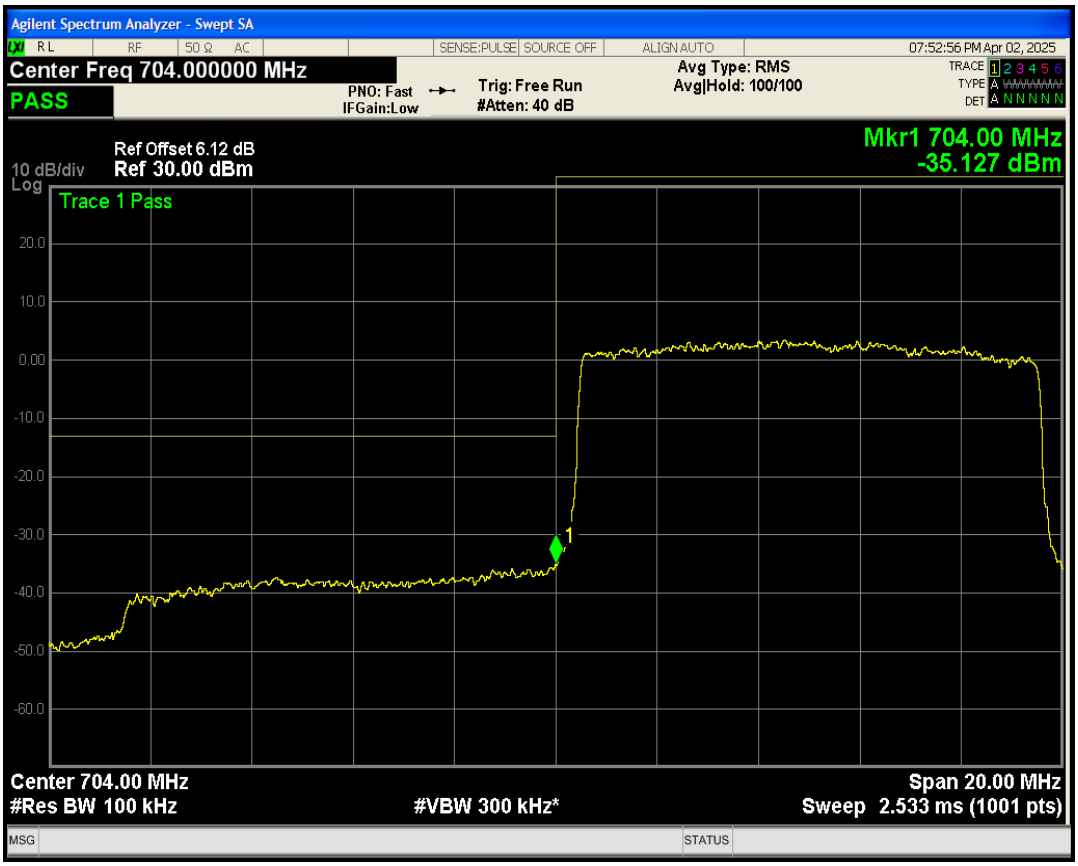
Band17 QAM16 BW=5MHz Channel=23755 RB Size=25 Position=#0



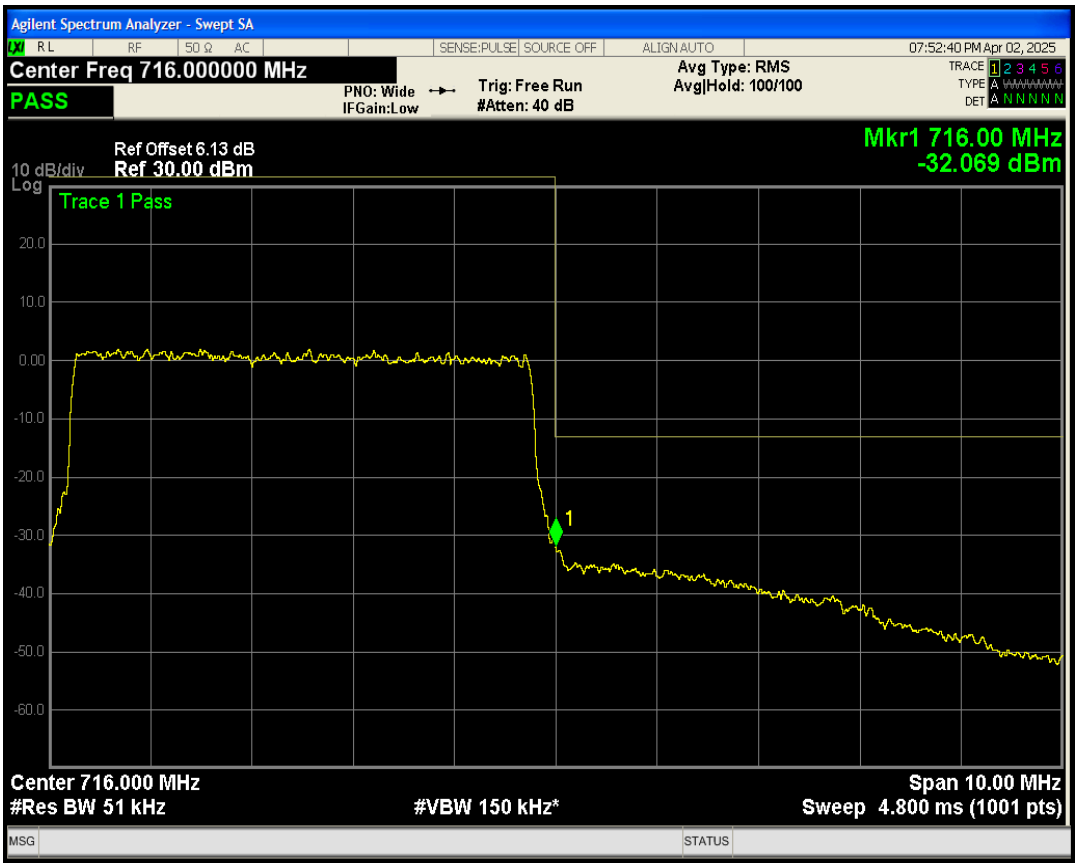
Band17 QPSK BW=5MHz Channel=23825 RB Size=25 Position=#0



Band17 QPSK BW=10MHz Channel=23780 RB Size=50 Position=#0

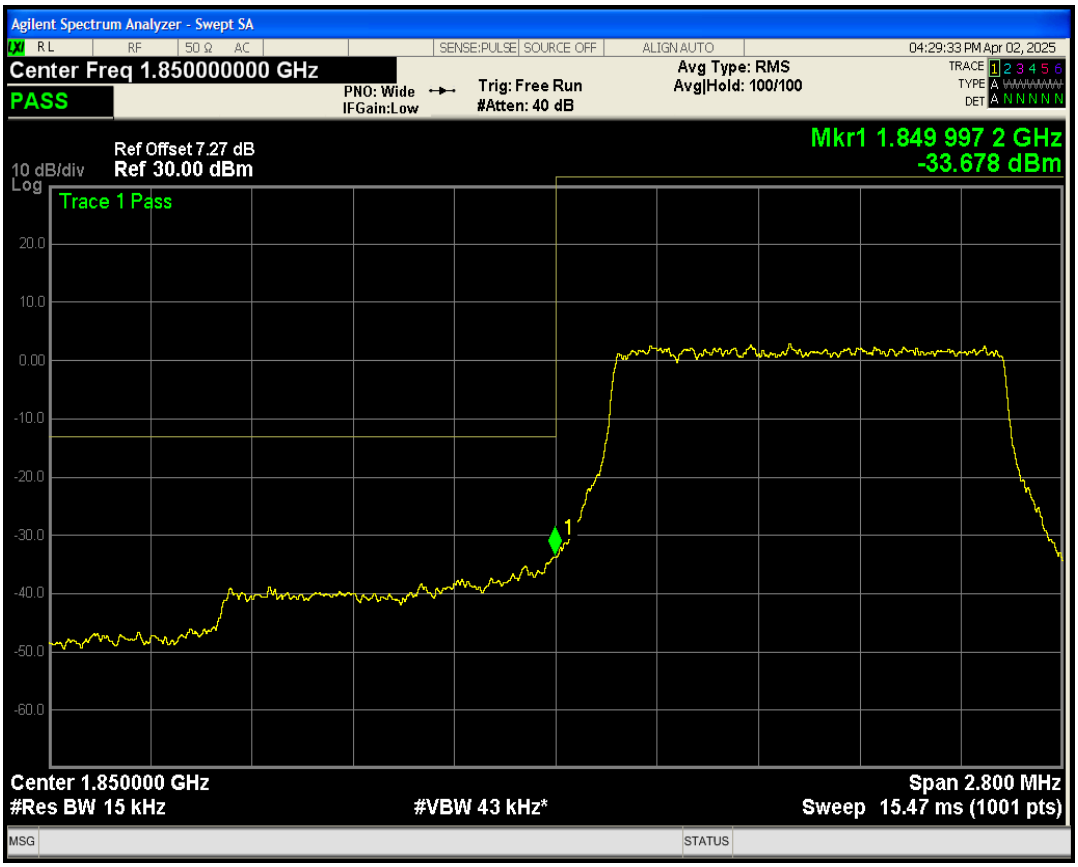


Band17 QAM16 BW=5MHz Channel=23825 RB Size=25 Position=#0

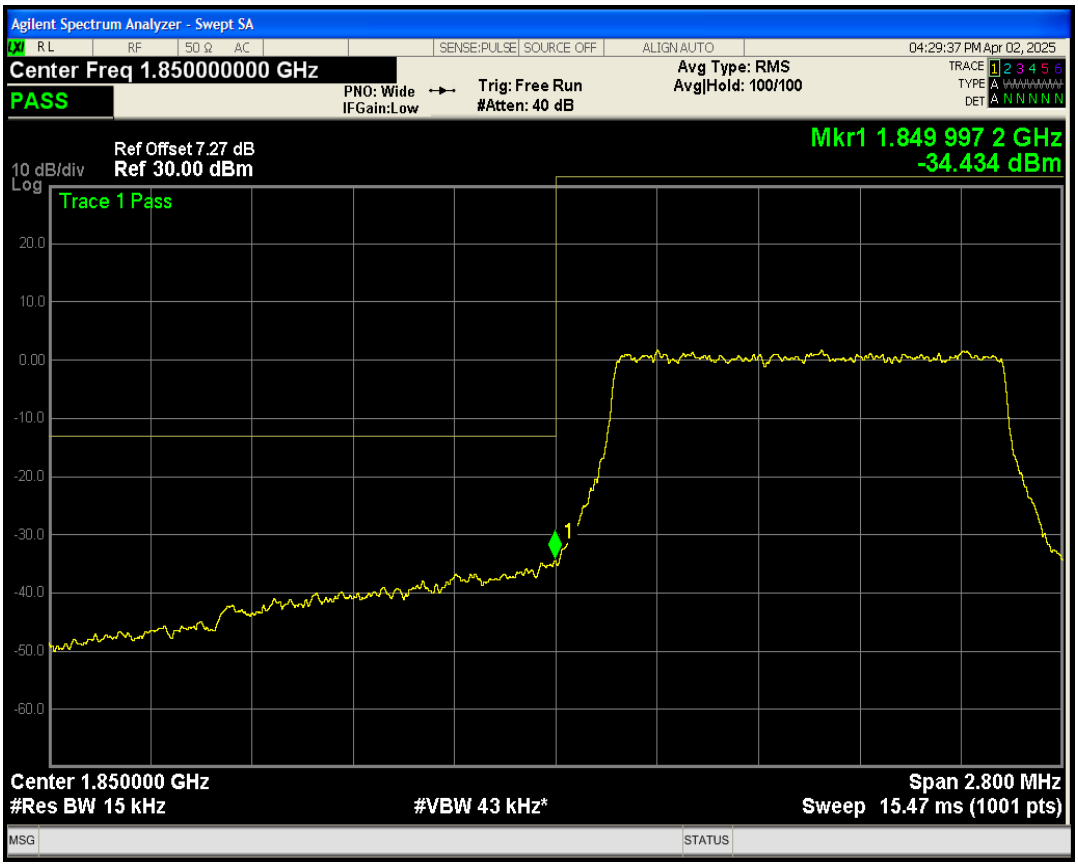


Band17 QPSK BW=10MHz Channel=23800 RB Size=50 Position=#0

Band2 QPSK BW=1.4MHz Channel=18607 RB Size=6 Position=#0



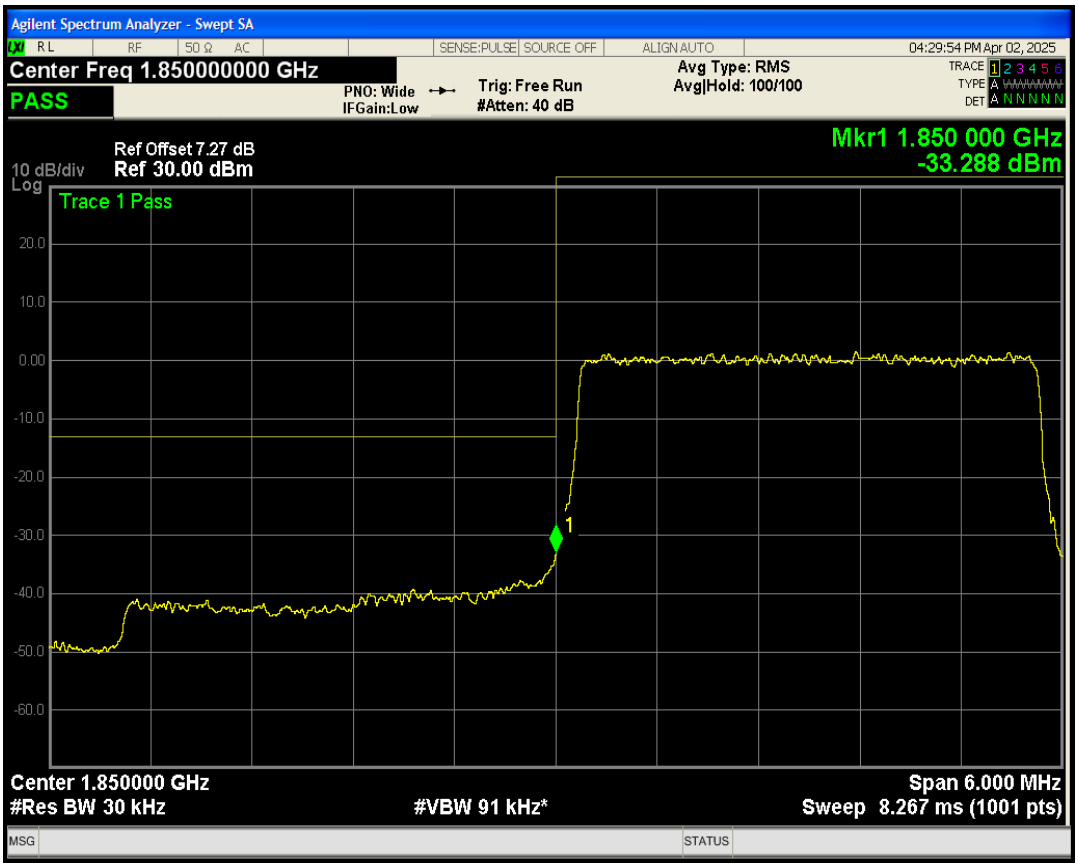
Band2 QAM16 BW=1.4MHz Channel=18607 RB Size=6 Position=#0



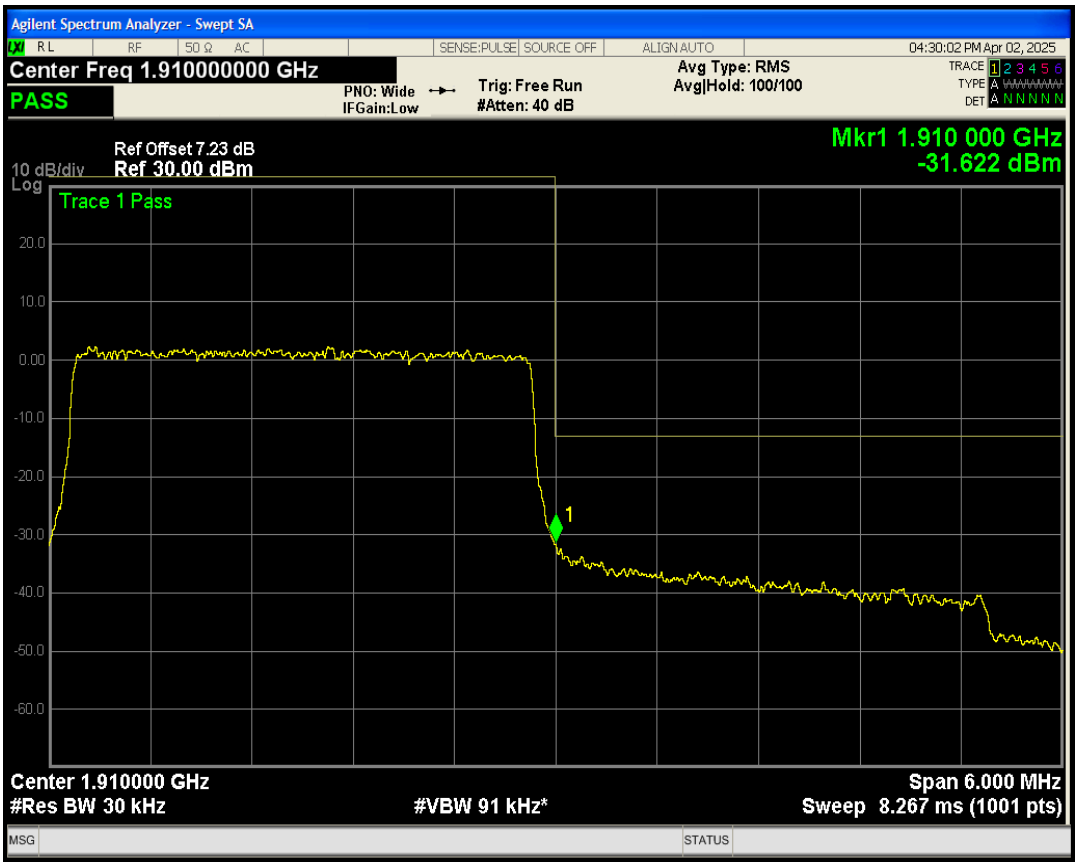
Band2 QAM16 BW=1.4MHz Channel=19193 RB Size=6 Position=#0

Band2 QPSK BW=1.4MHz Channel=19193 RB Size=6 Position=#0

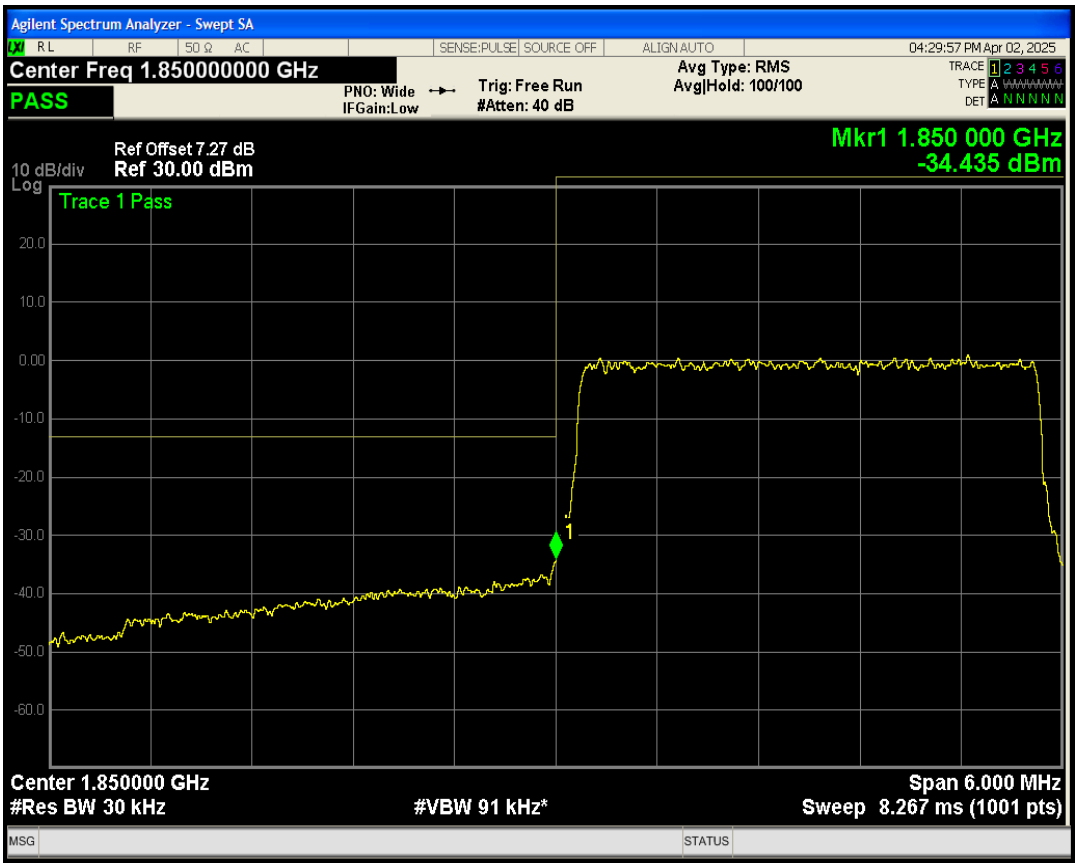
Band2 QPSK BW=3MHz Channel=18615 RB Size=15 Position=#0



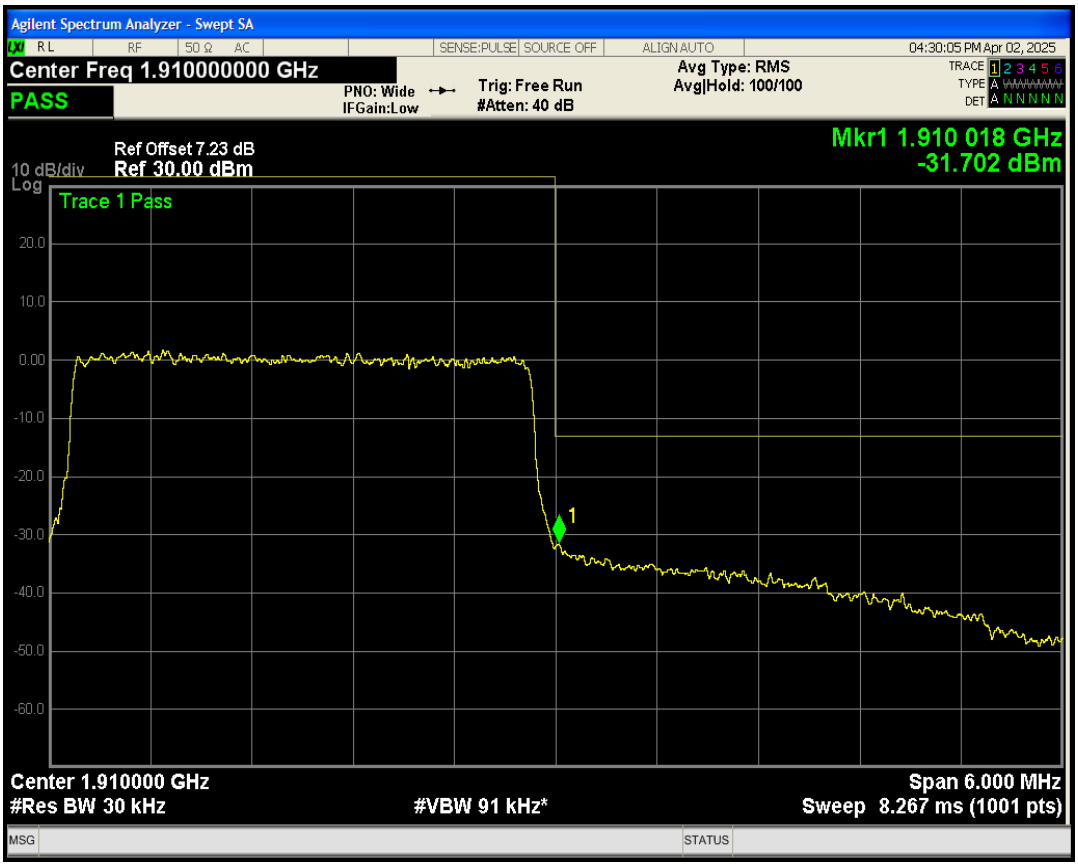
Band2 QPSK BW=3MHz Channel=19185 RB Size=15 Position=#0



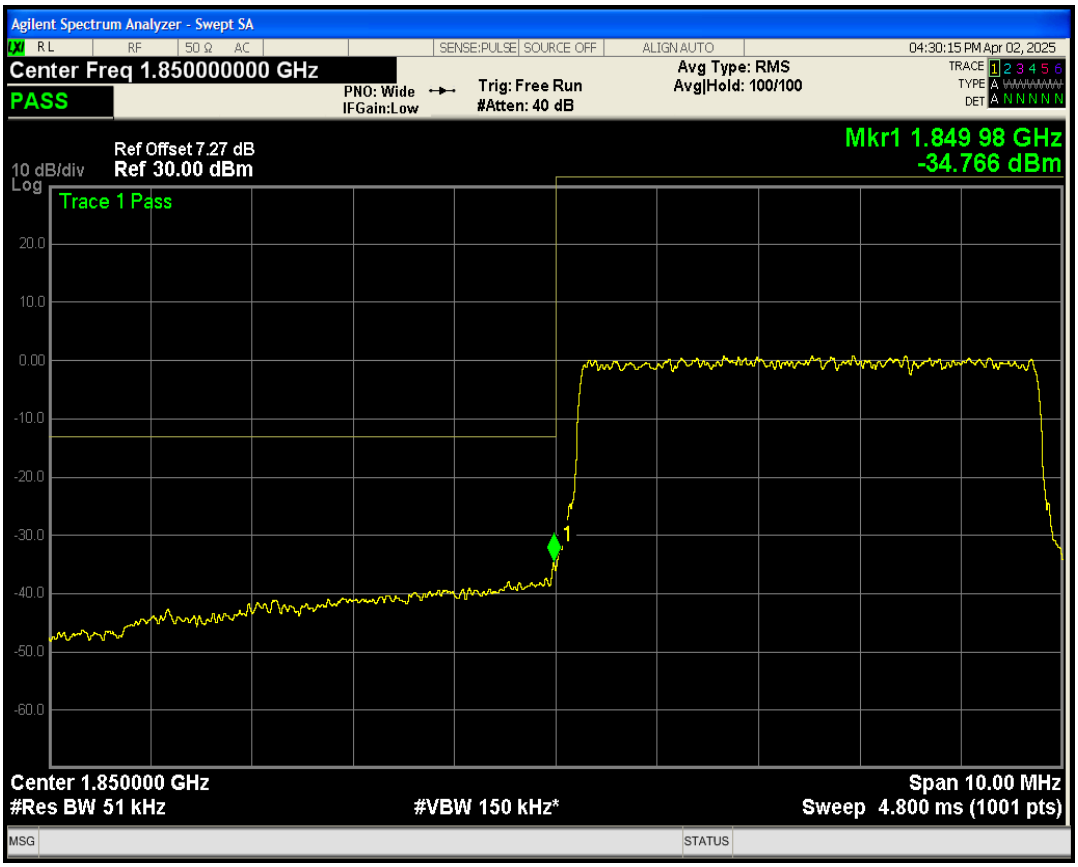
Band2 QAM16 BW=3MHz Channel=18615 RB Size=15 Position=#0



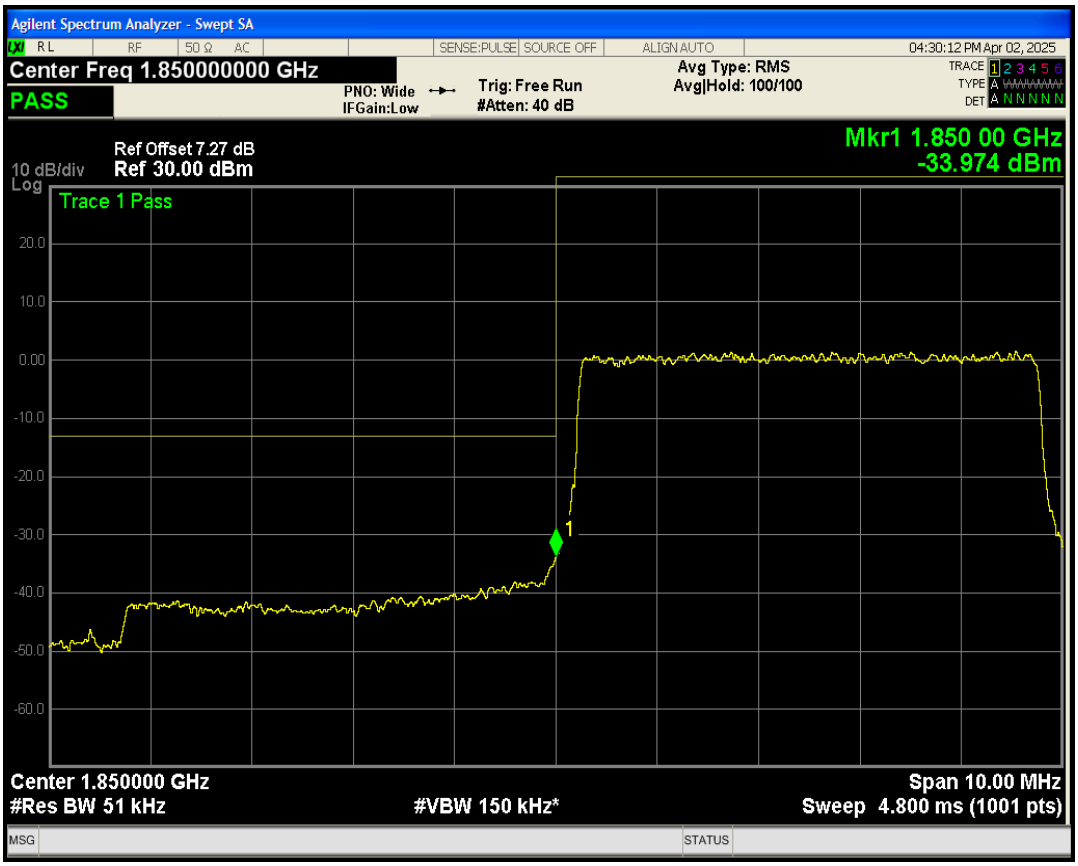
Band2 QAM16 BW=3MHz Channel=19185 RB Size=15 Position=#0



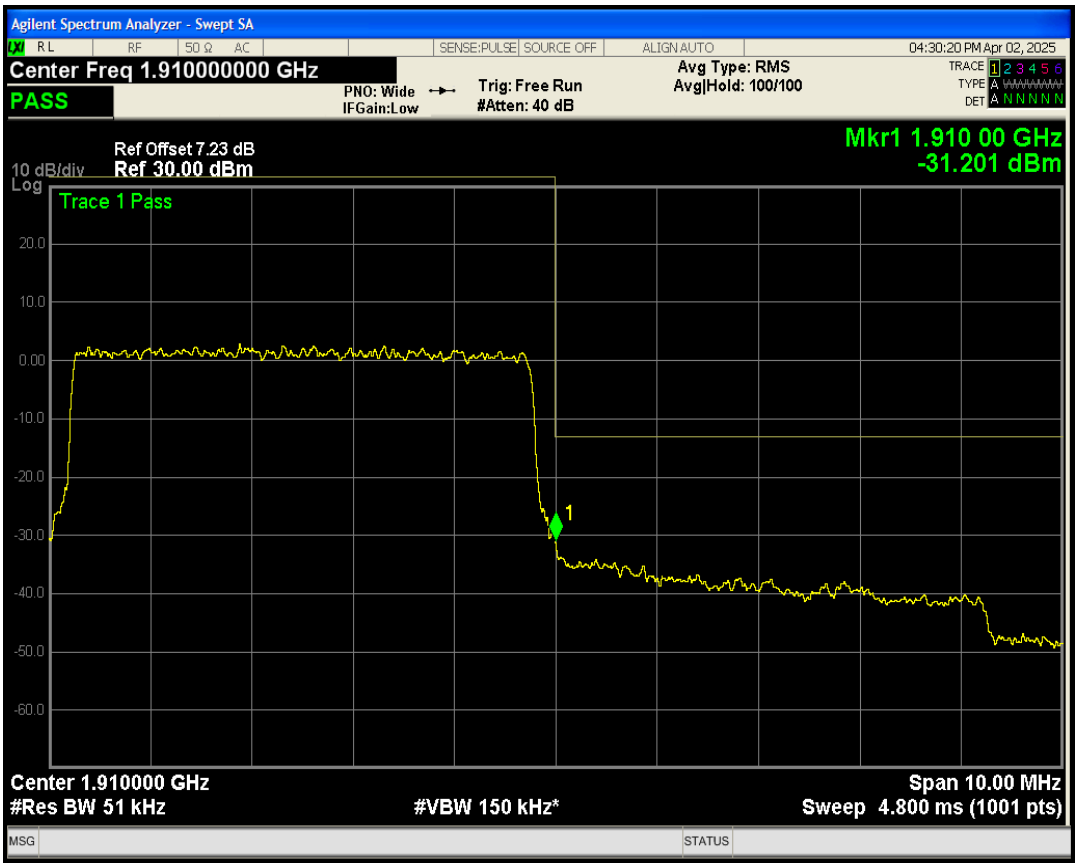
Band2 QAM16 BW=5MHz Channel=18625 RB Size=25 Position=#0



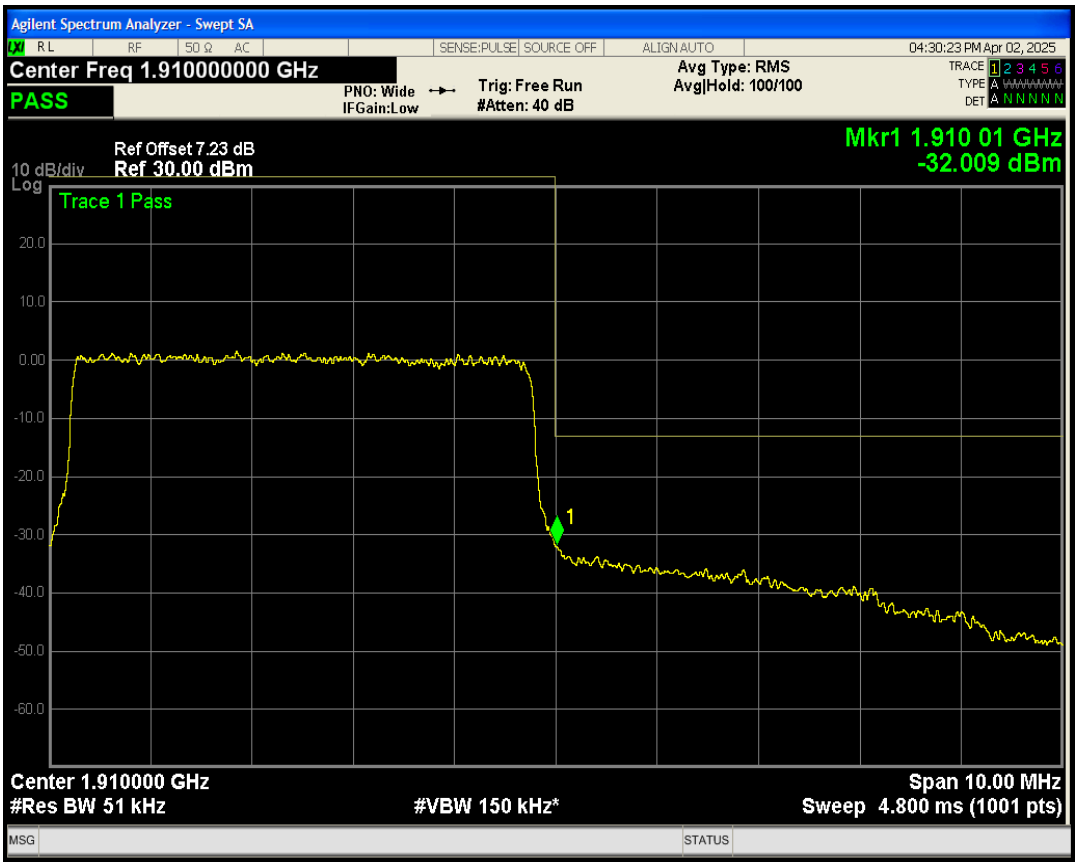
Band2 QPSK BW=5MHz Channel=18625 RB Size=25 Position=#0



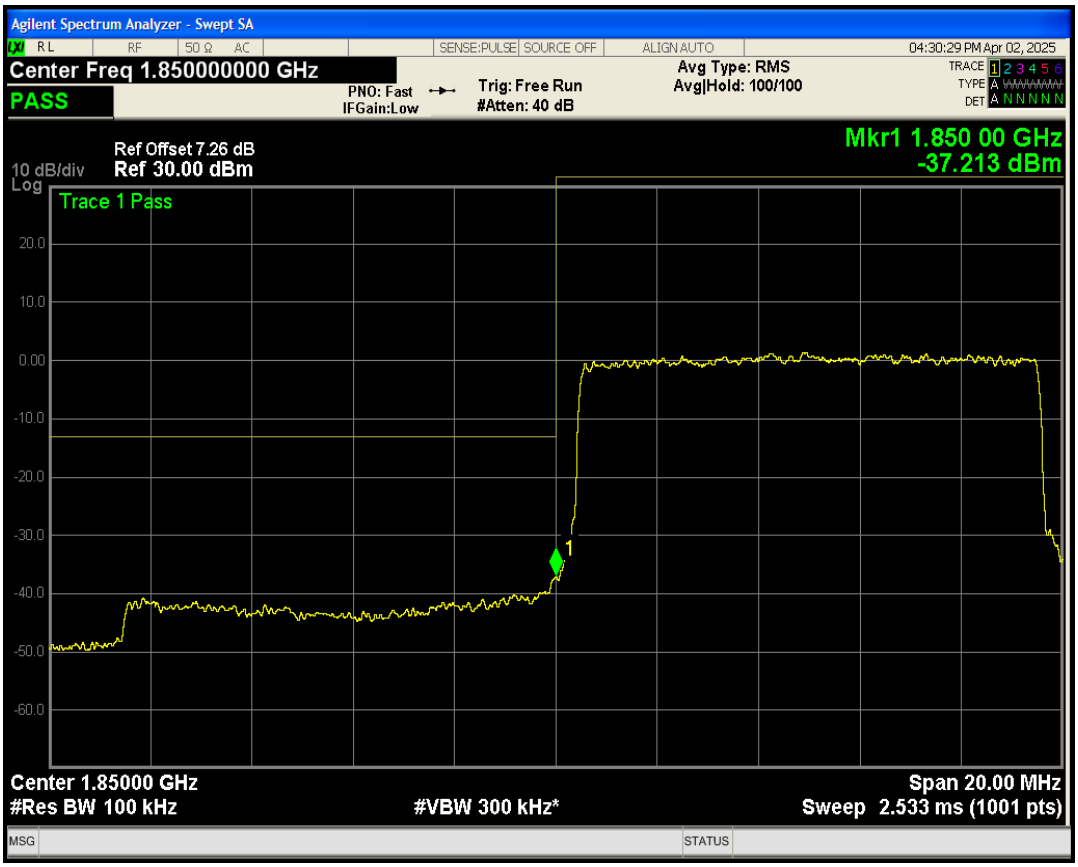
Band2 QPSK BW=5MHz Channel=19175 RB Size=25 Position=#0



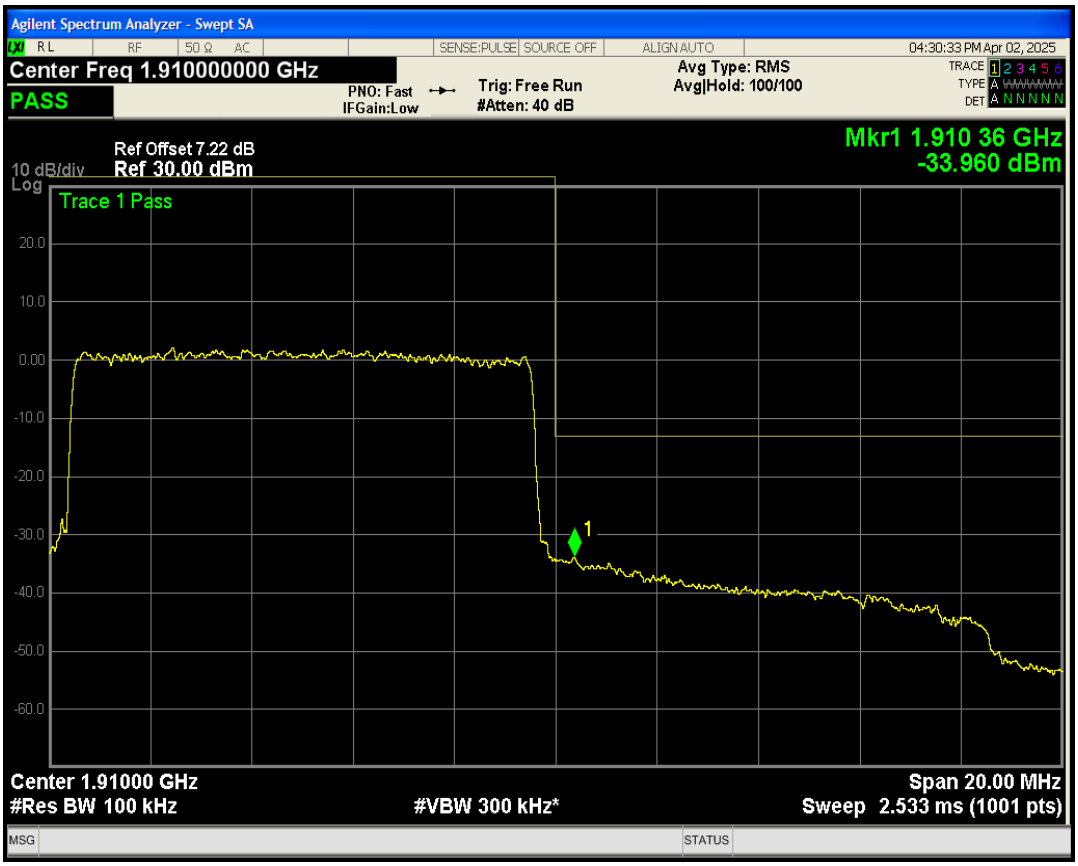
Band2 QAM16 BW=5MHz Channel=19175 RB Size=25 Position=#0



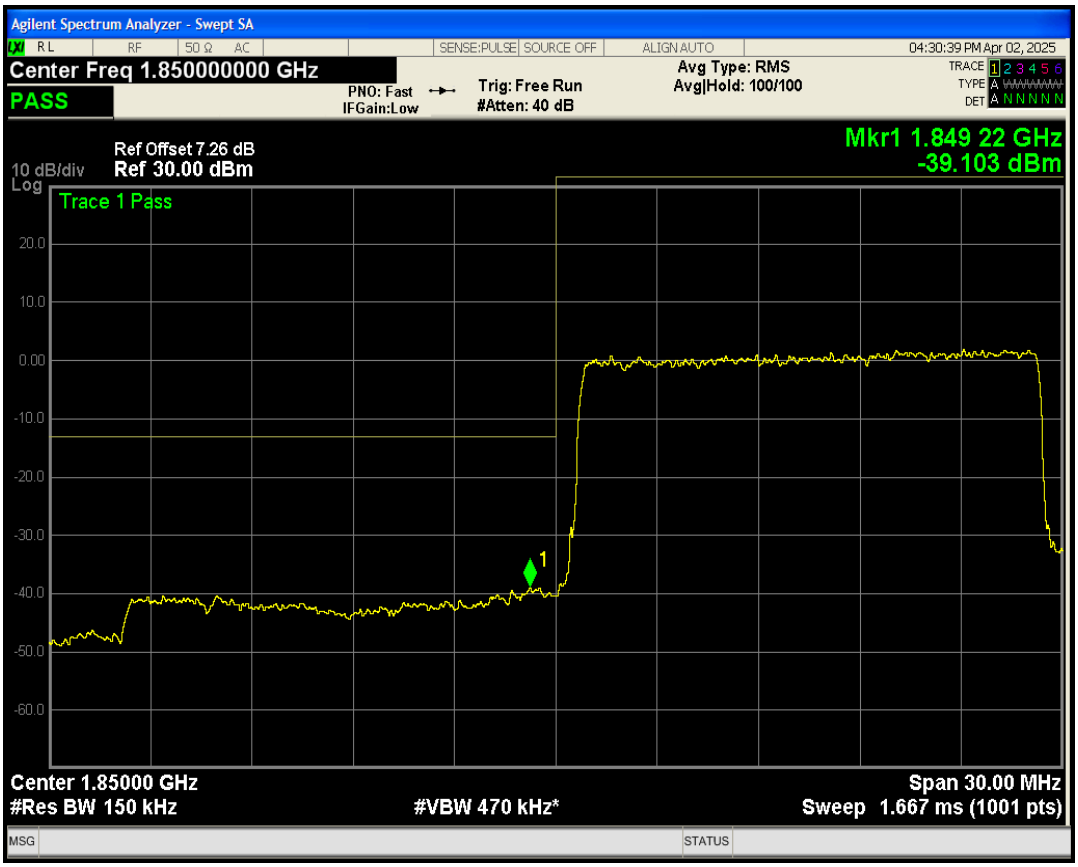
Band2 QPSK BW=10MHz Channel=18650 RB Size=50 Position=#0



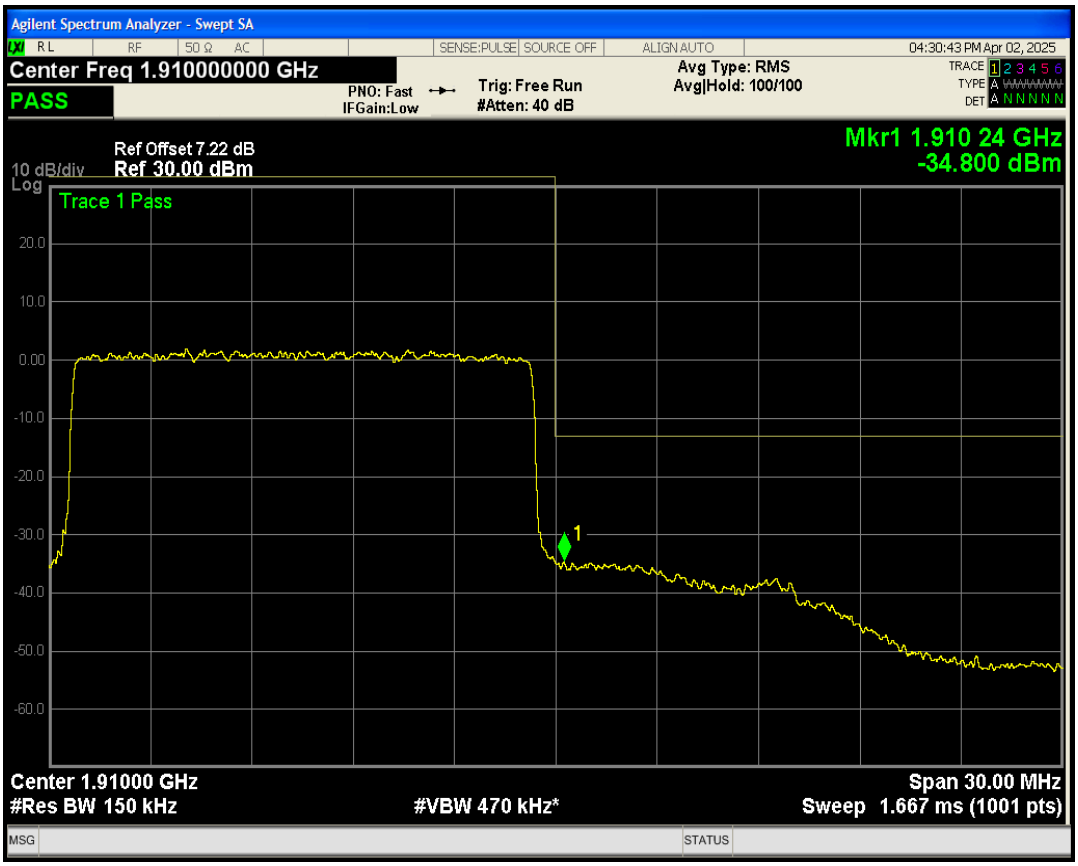
Band2 QPSK BW=10MHz Channel=19150 RB Size=50 Position=#0



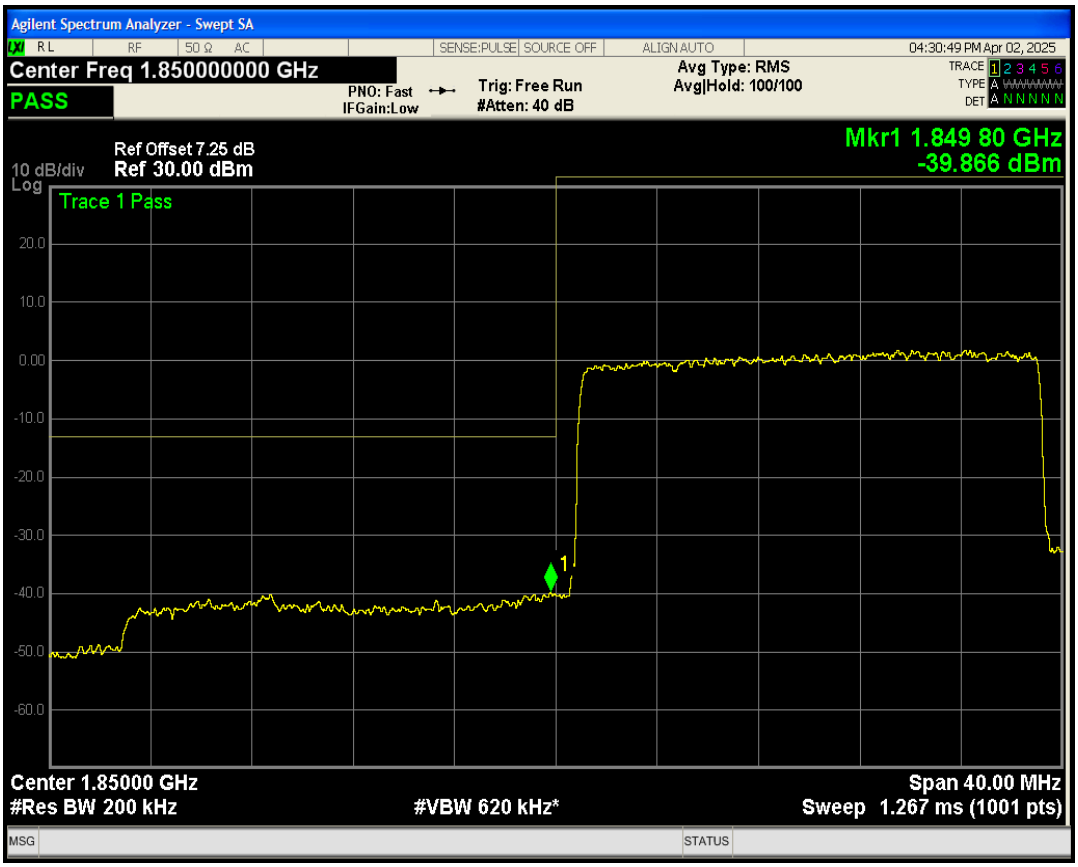
Band2 QPSK BW=15MHz Channel=18675 RB Size=75 Position=#0



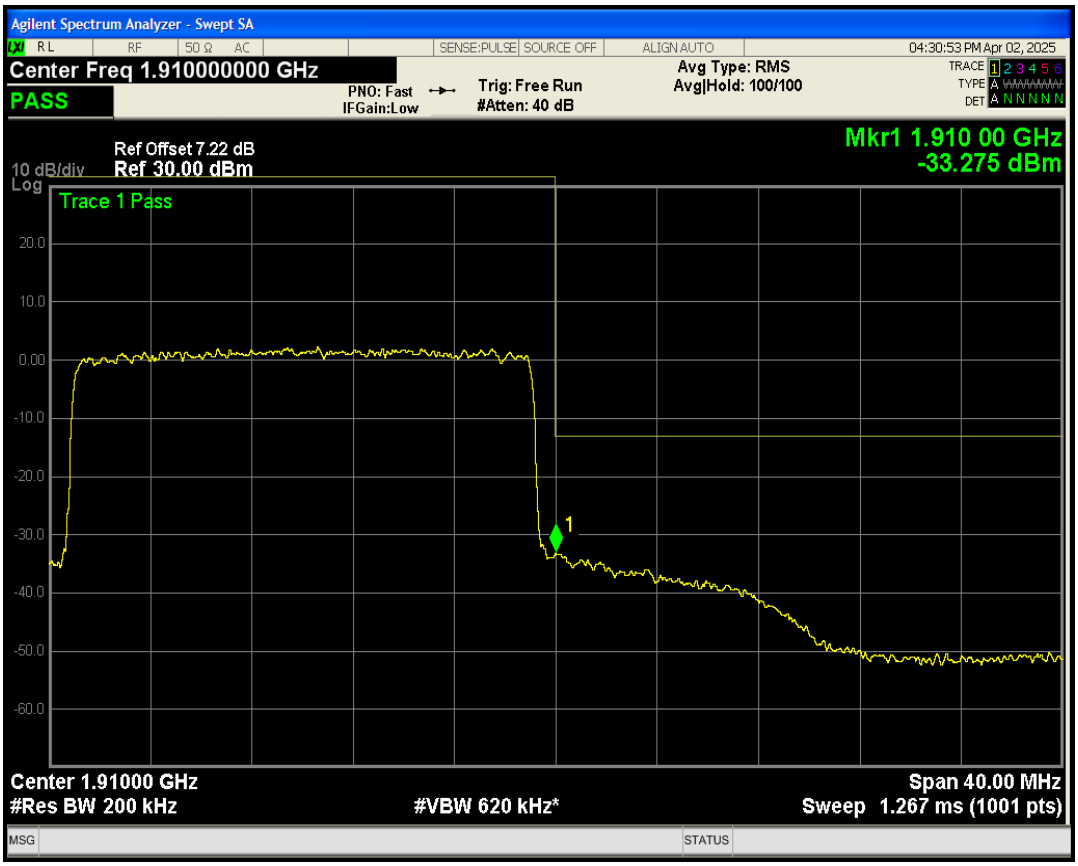
Band2 QPSK BW=15MHz Channel=19125 RB Size=75 Position=#0



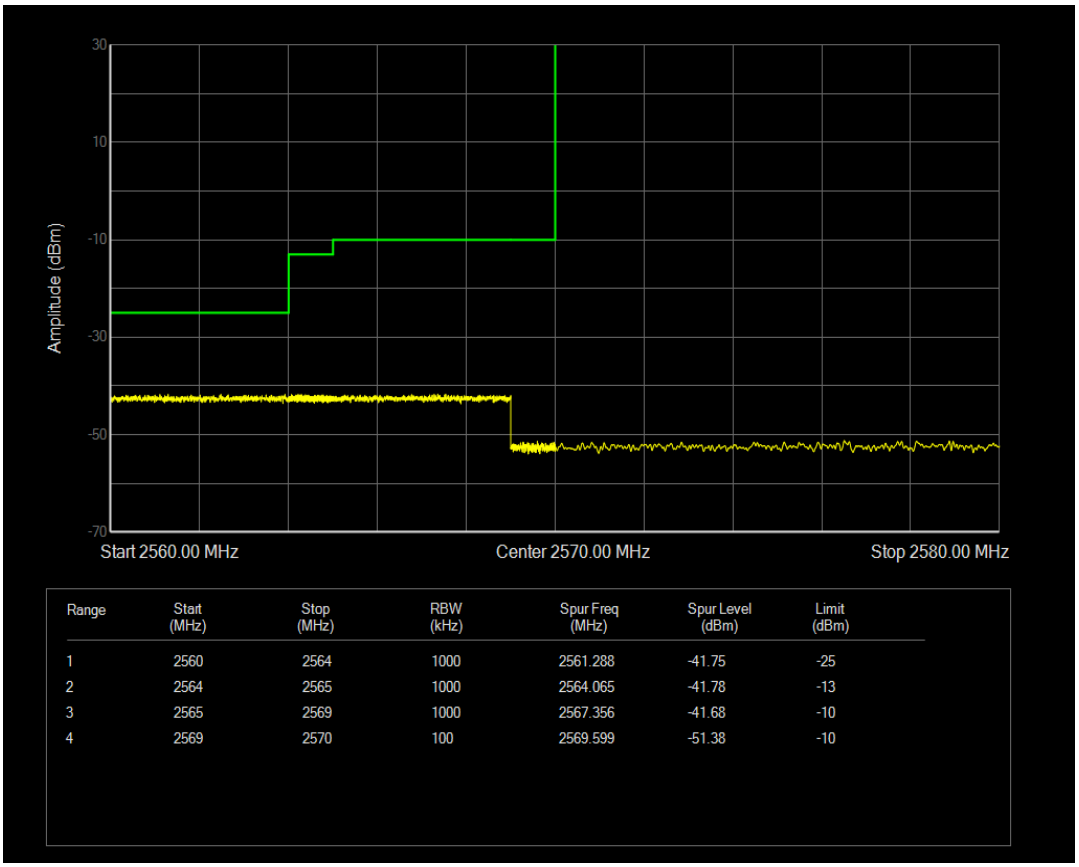
Band2 QPSK BW=20MHz Channel=18700 RB Size=100 Position=#0



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

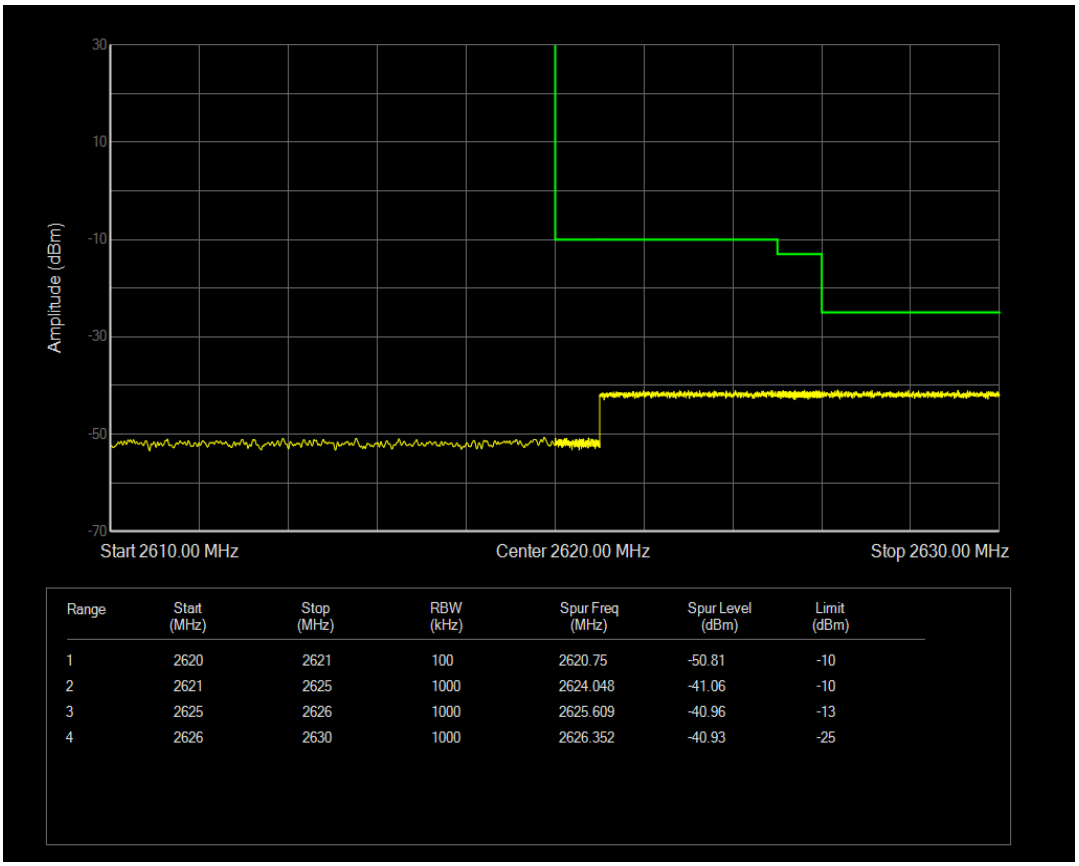


Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



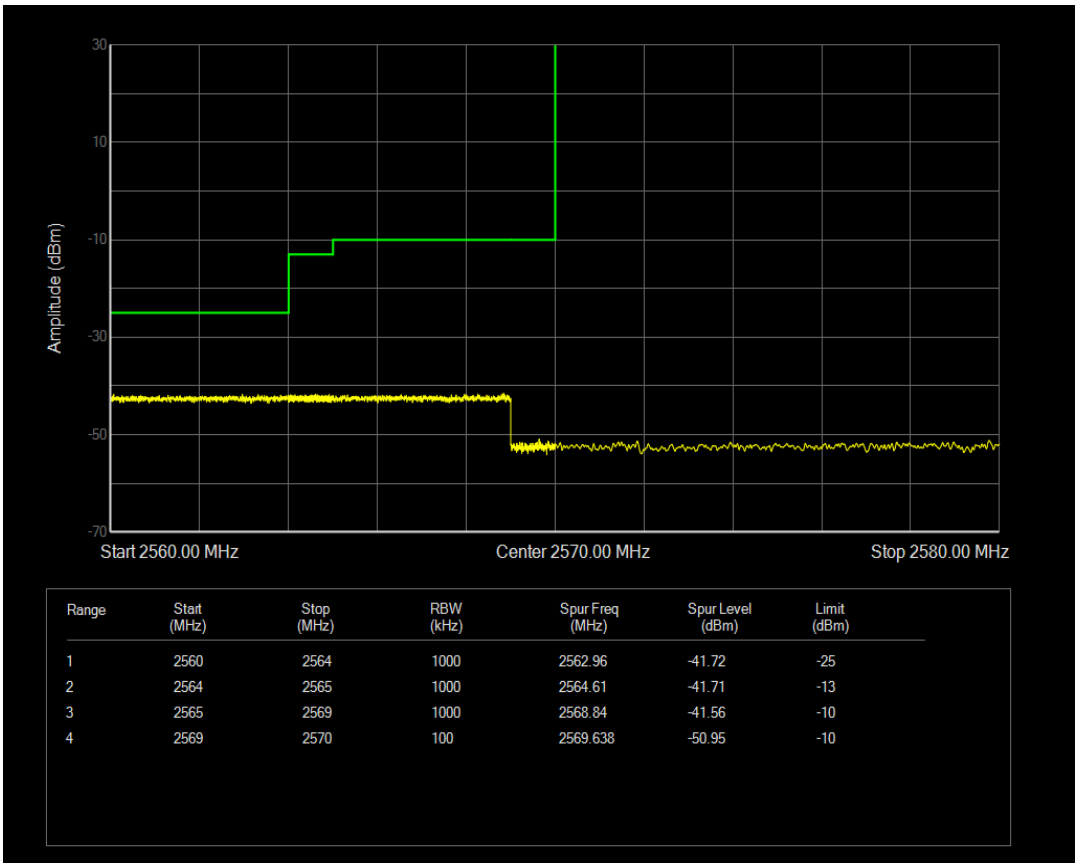
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2561.288	-41.75	-25
2	2564	2565	1000	2564.065	-41.78	-13
3	2565	2569	1000	2567.356	-41.68	-10
4	2569	2570	100	2569.599	-51.38	-10

Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



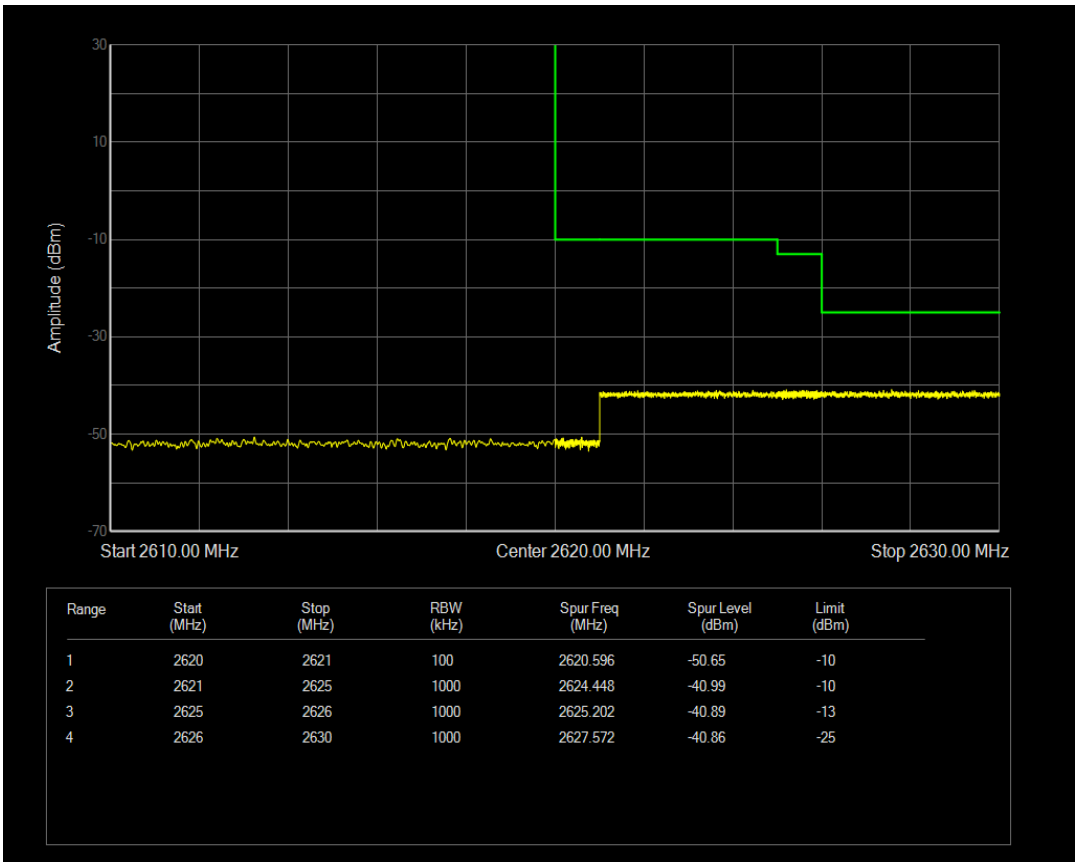
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.75	-50.81	-10
2	2621	2625	1000	2624.048	-41.06	-10
3	2625	2626	1000	2625.609	-40.96	-13
4	2626	2630	1000	2626.352	-40.93	-25

Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



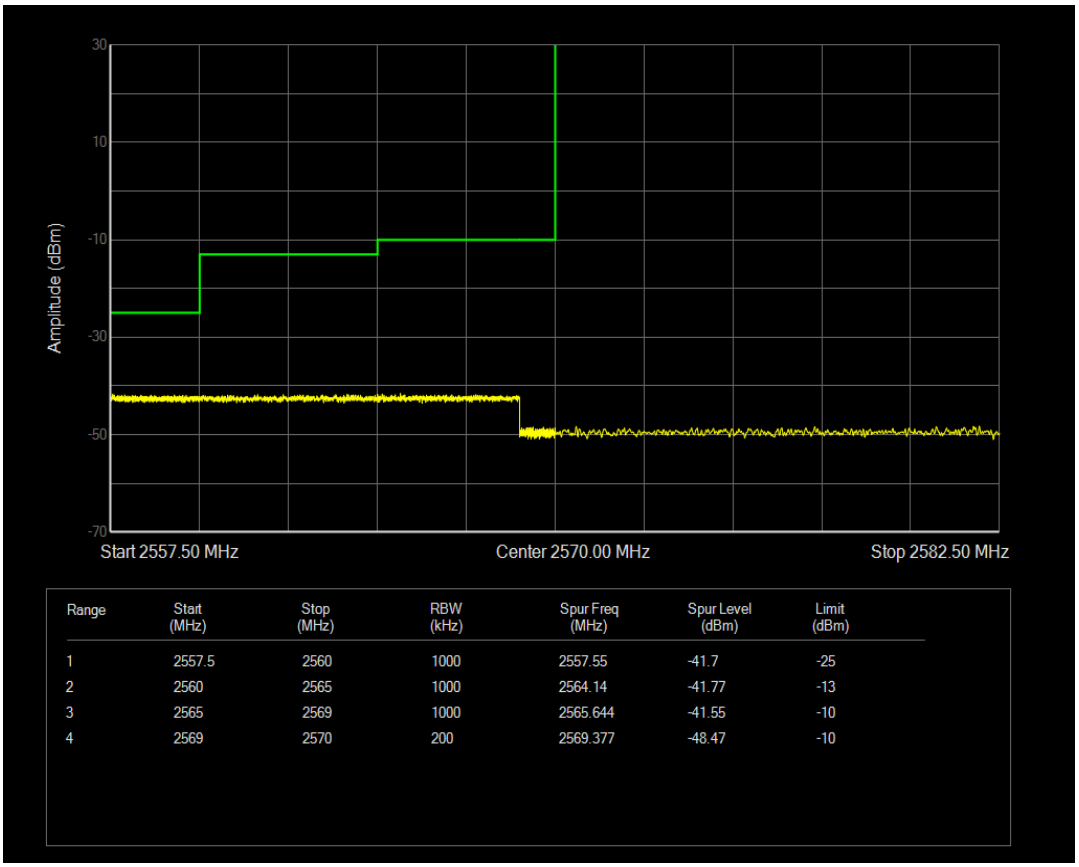
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2560	2564	1000	2562.96	-41.72	-25
2	2564	2565	1000	2564.61	-41.71	-13
3	2565	2569	1000	2568.84	-41.56	-10
4	2569	2570	100	2569.638	-50.95	-10

Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



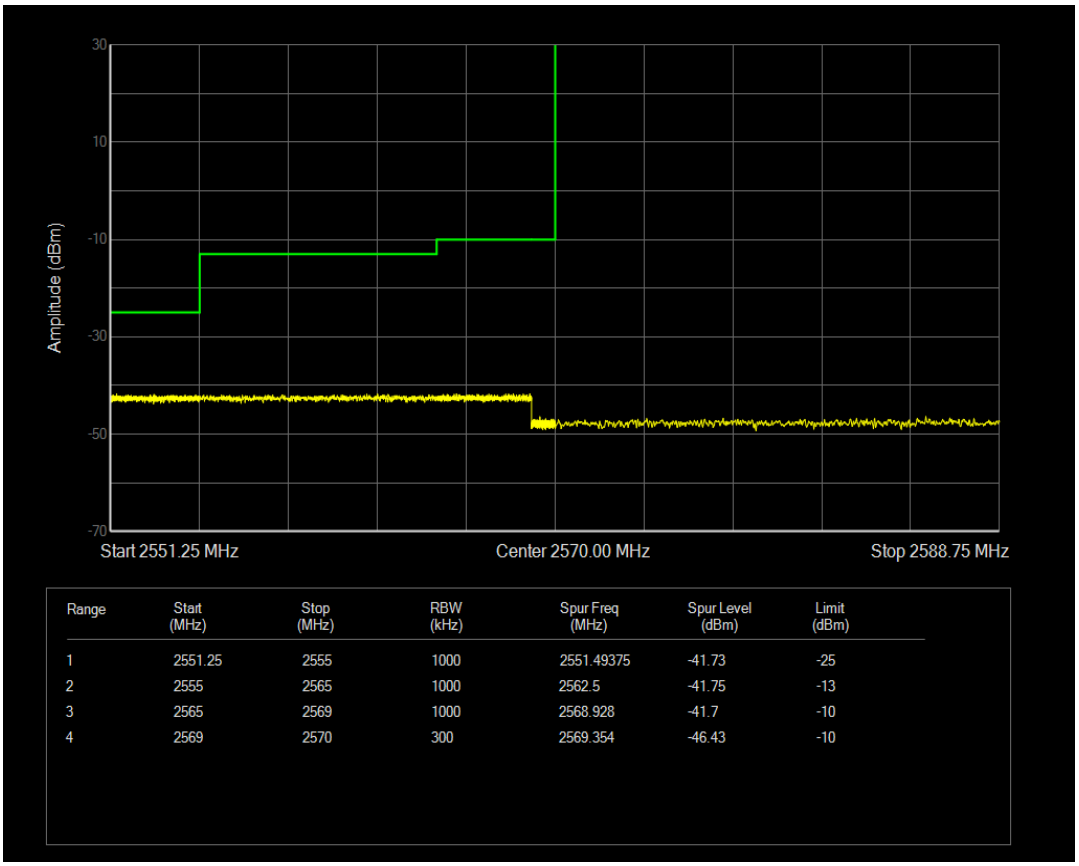
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.596	-50.65	-10
2	2621	2625	1000	2624.448	-40.99	-10
3	2625	2626	1000	2625.202	-40.89	-13
4	2626	2630	1000	2627.572	-40.86	-25

Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



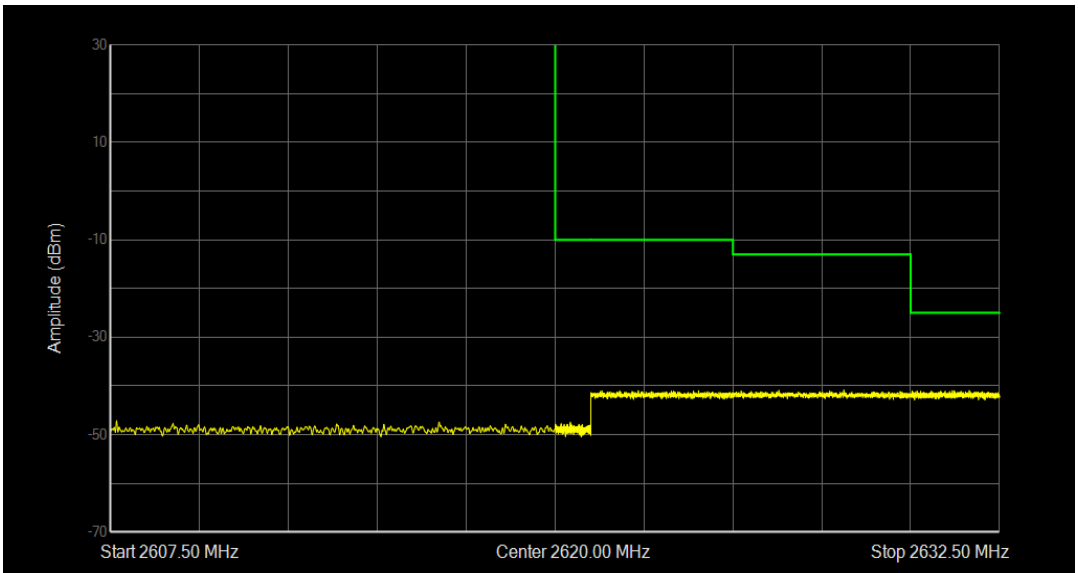
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2557.55	-41.7	-25
2	2560	2565	1000	2564.14	-41.77	-13
3	2565	2569	1000	2565.644	-41.55	-10
4	2569	2570	200	2569.377	-48.47	-10

Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



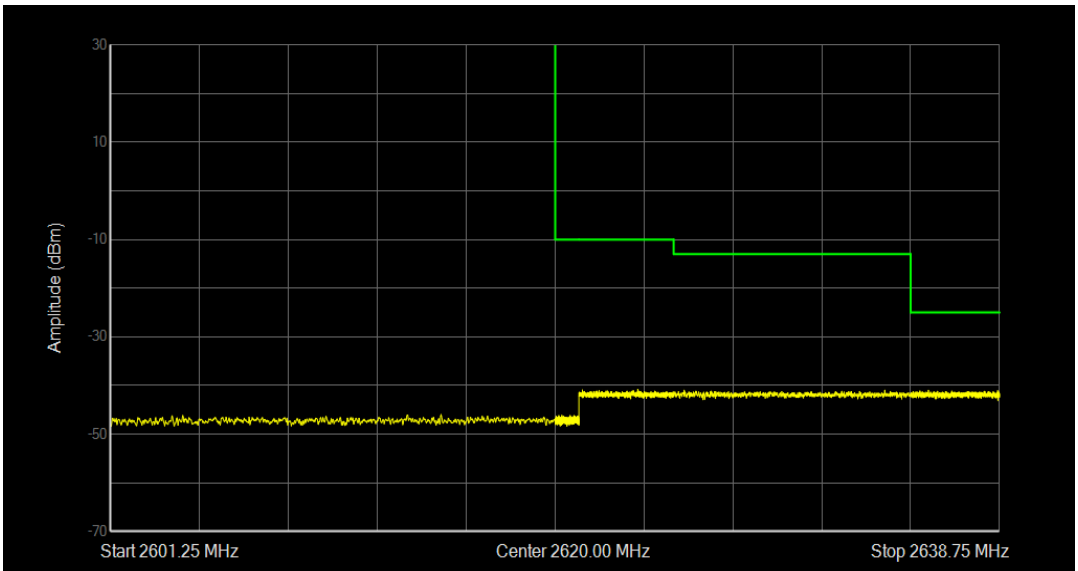
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2551.49375	-41.73	-25
2	2555	2565	1000	2562.5	-41.75	-13
3	2565	2569	1000	2568.928	-41.7	-10
4	2569	2570	300	2569.354	-46.43	-10

Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0



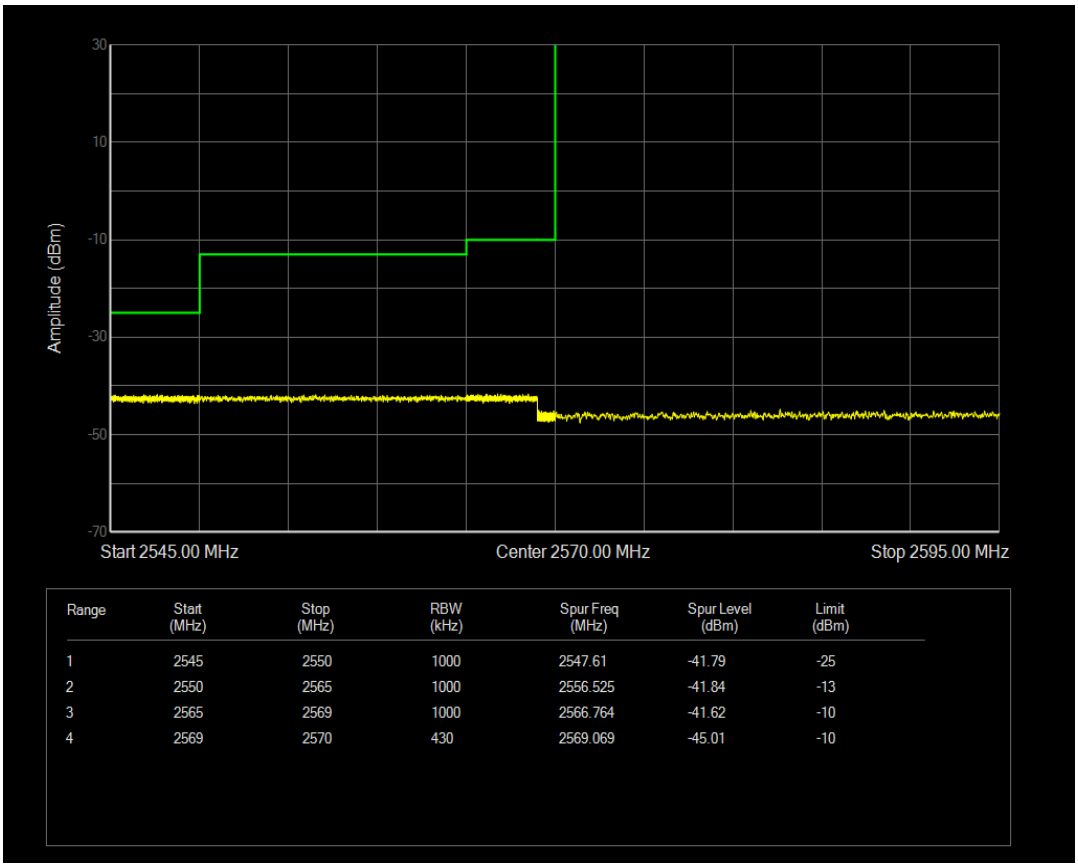
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	200	2620.426	-47.48	-10
2	2621	2625	1000	2622.336	-40.98	-10
3	2625	2630	1000	2628.12	-40.85	-13
4	2630	2632.5	1000	2631.6475	-40.95	-25

Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



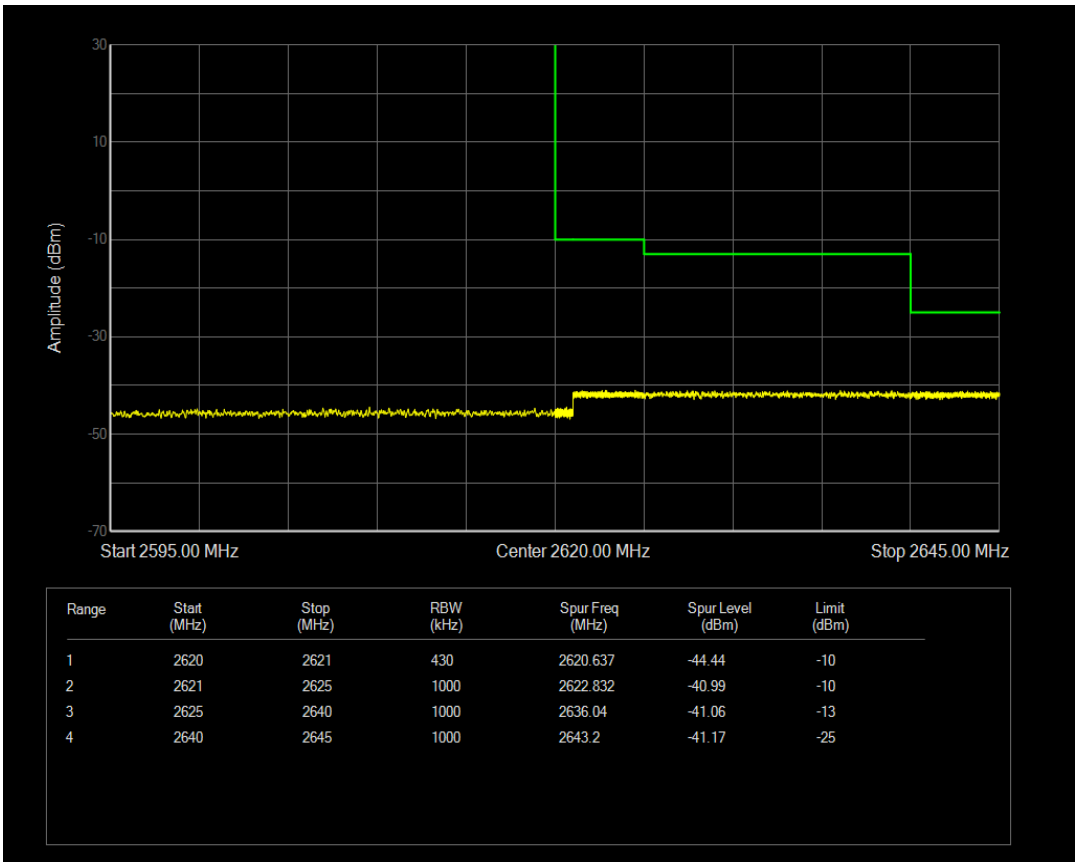
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	300	2620.28	-46.14	-10
2	2621	2625	1000	2623.484	-40.78	-10
3	2625	2635	1000	2633.91	-40.96	-13
4	2635	2638.75	1000	2635.74625	-40.98	-25

Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2547.61	-41.79	-25
2	2550	2565	1000	2556.525	-41.84	-13
3	2565	2569	1000	2566.764	-41.62	-10
4	2569	2570	430	2569.069	-45.01	-10

Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0



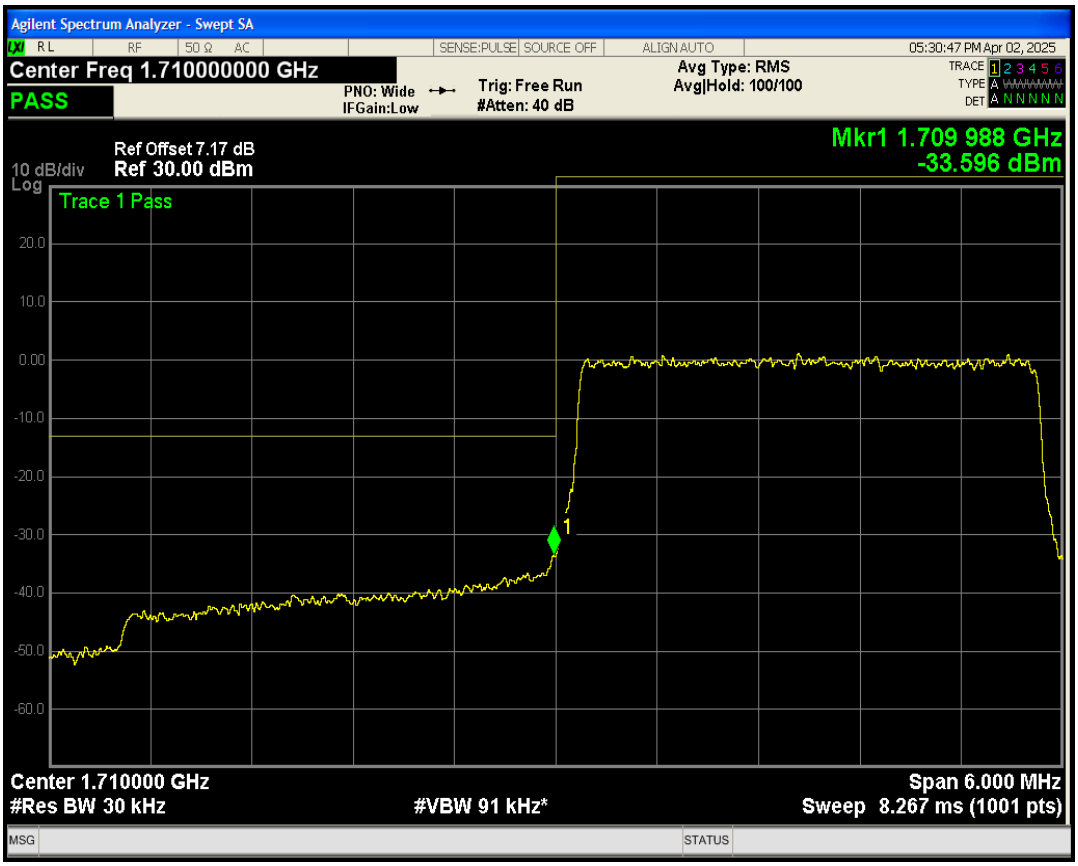
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	430	2620.637	-44.44	-10
2	2621	2625	1000	2622.832	-40.99	-10
3	2625	2640	1000	2636.04	-41.06	-13
4	2640	2645	1000	2643.2	-41.17	-25

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

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

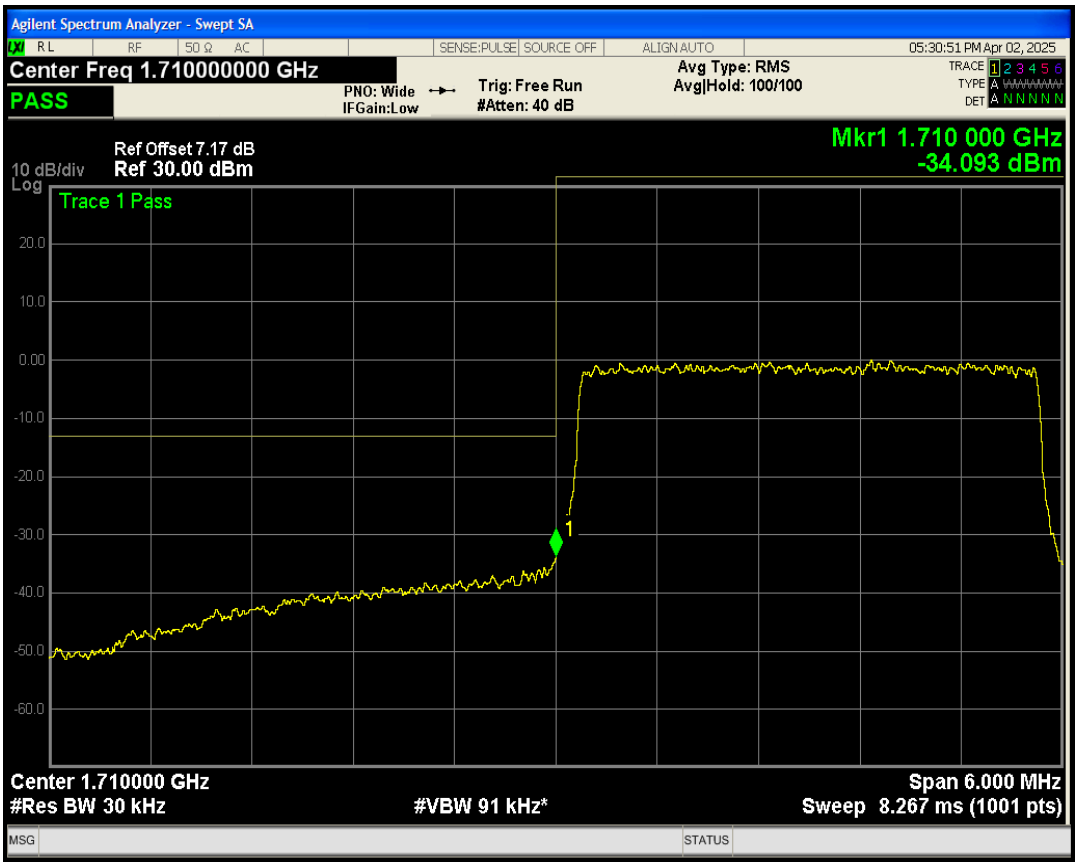
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

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

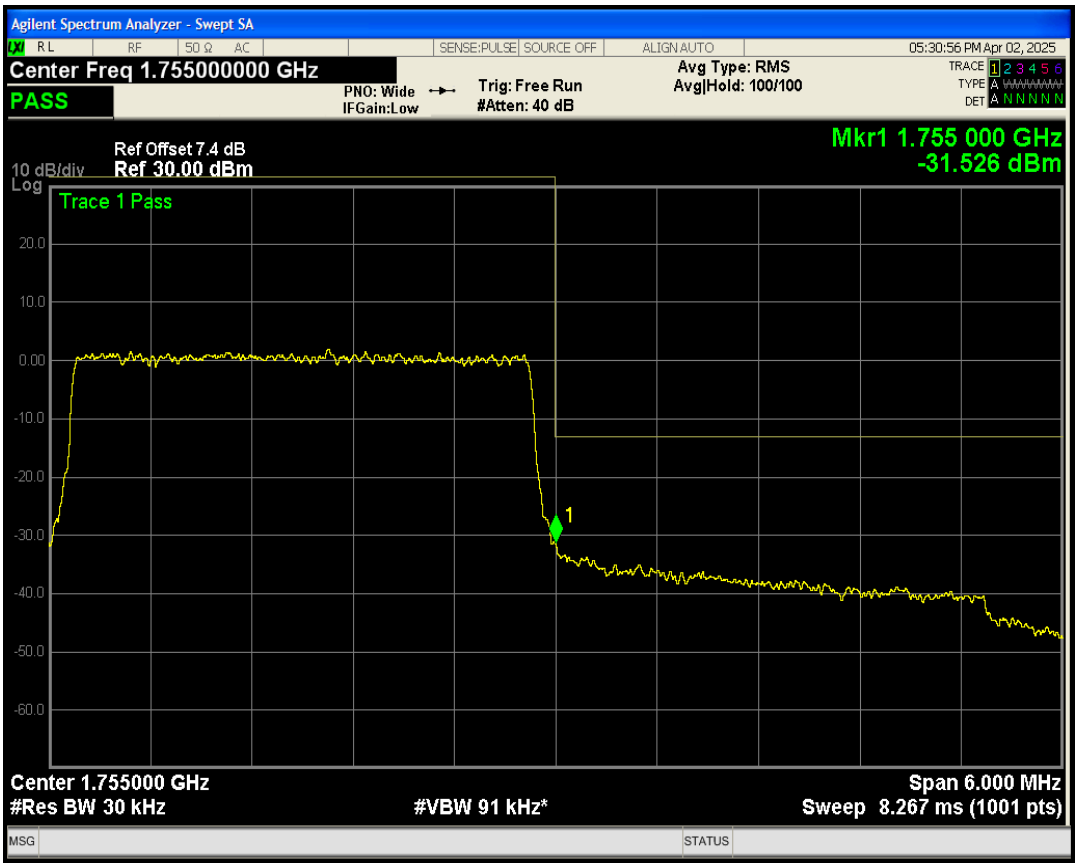


Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

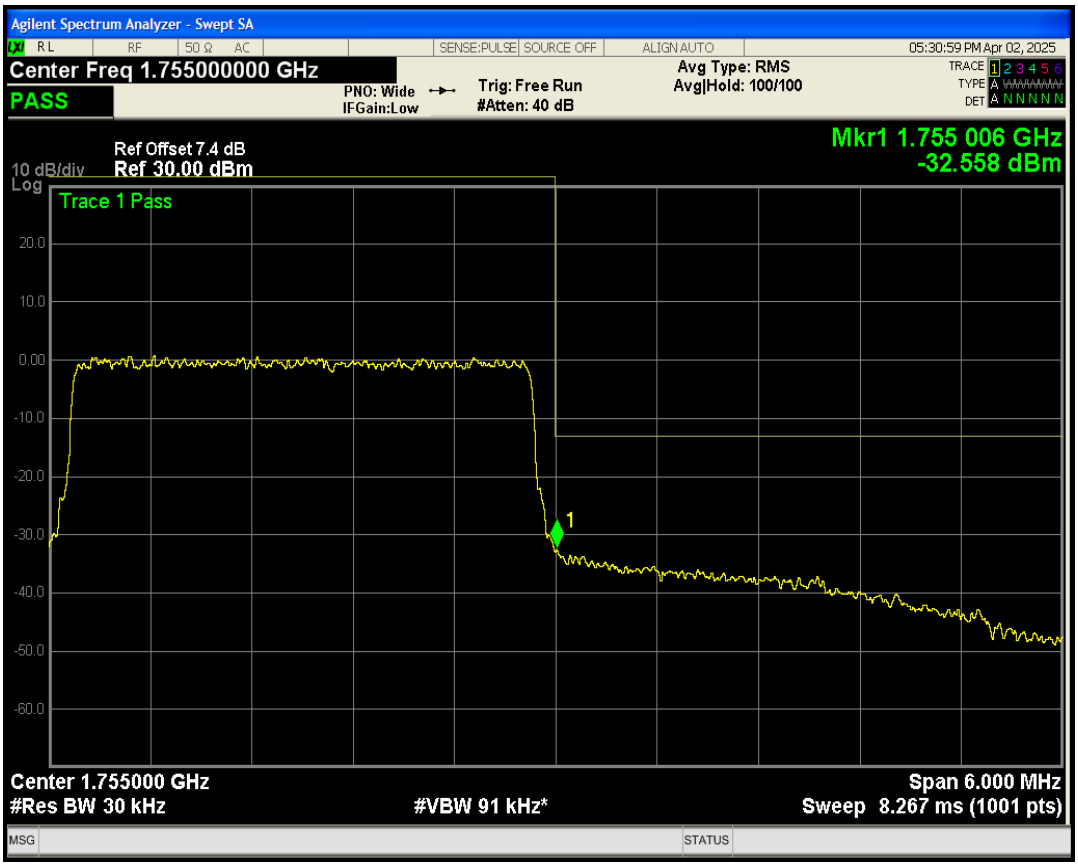
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



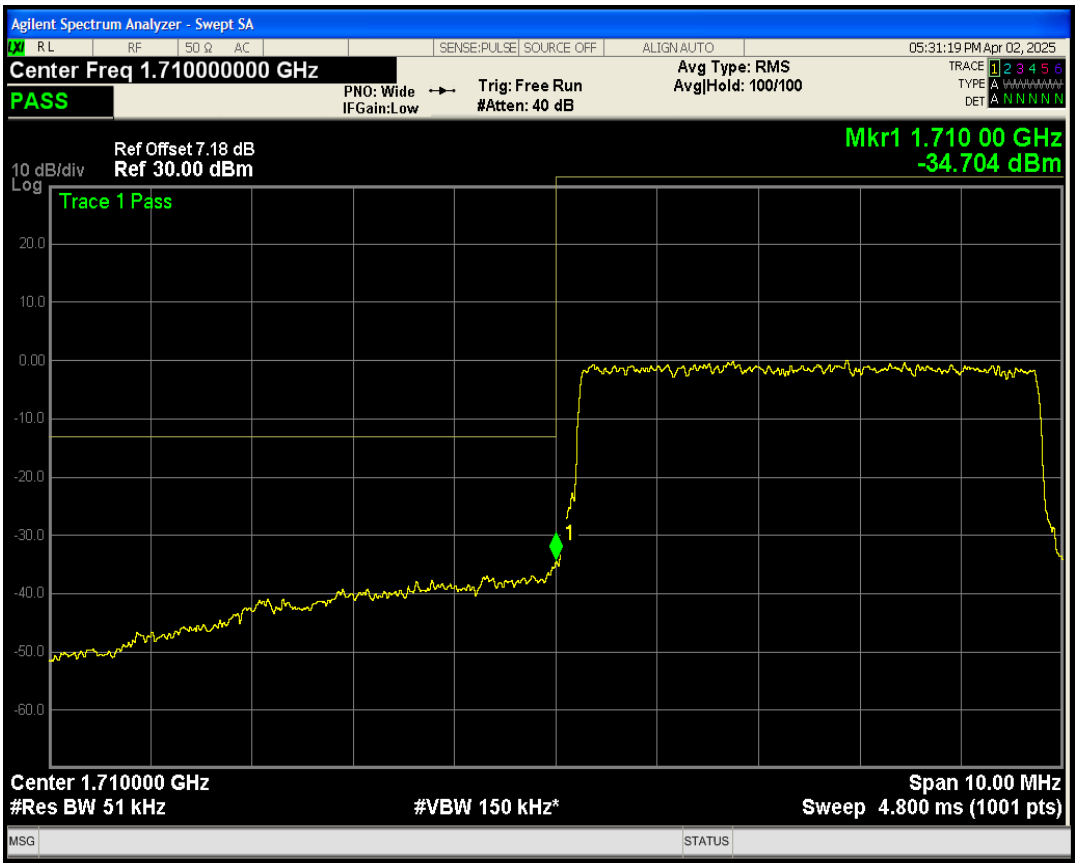
Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



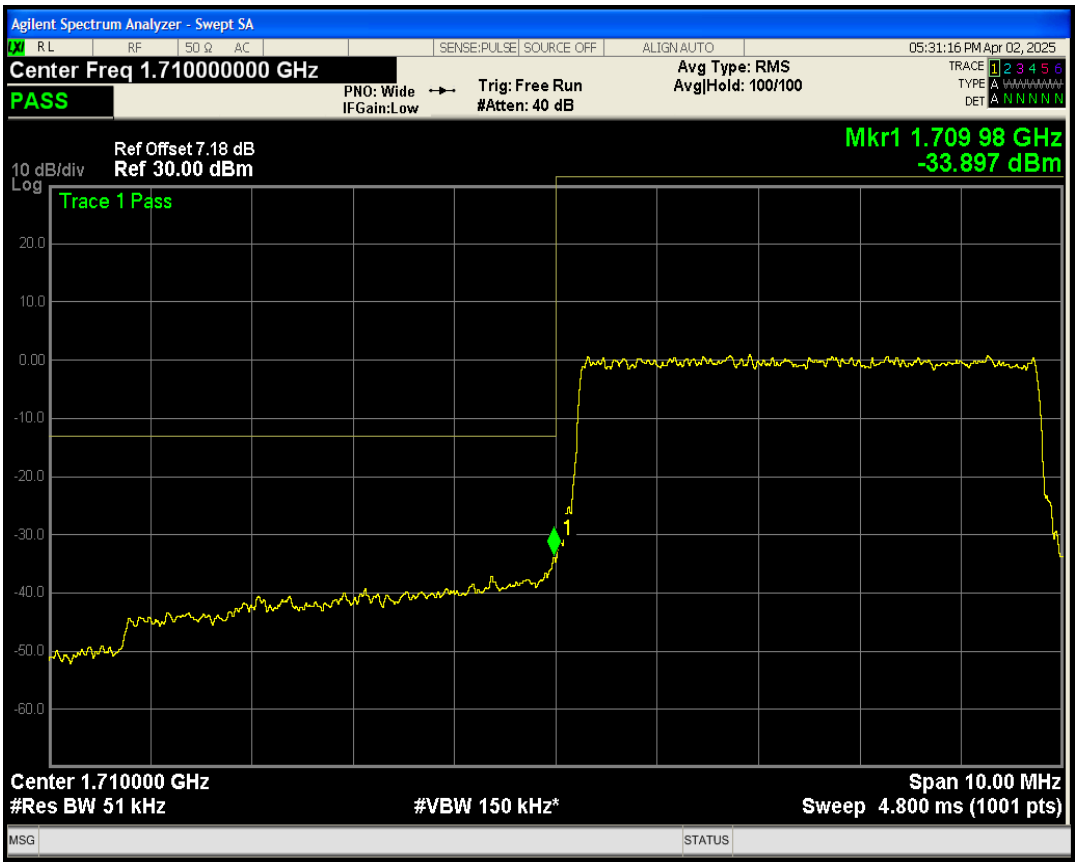
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



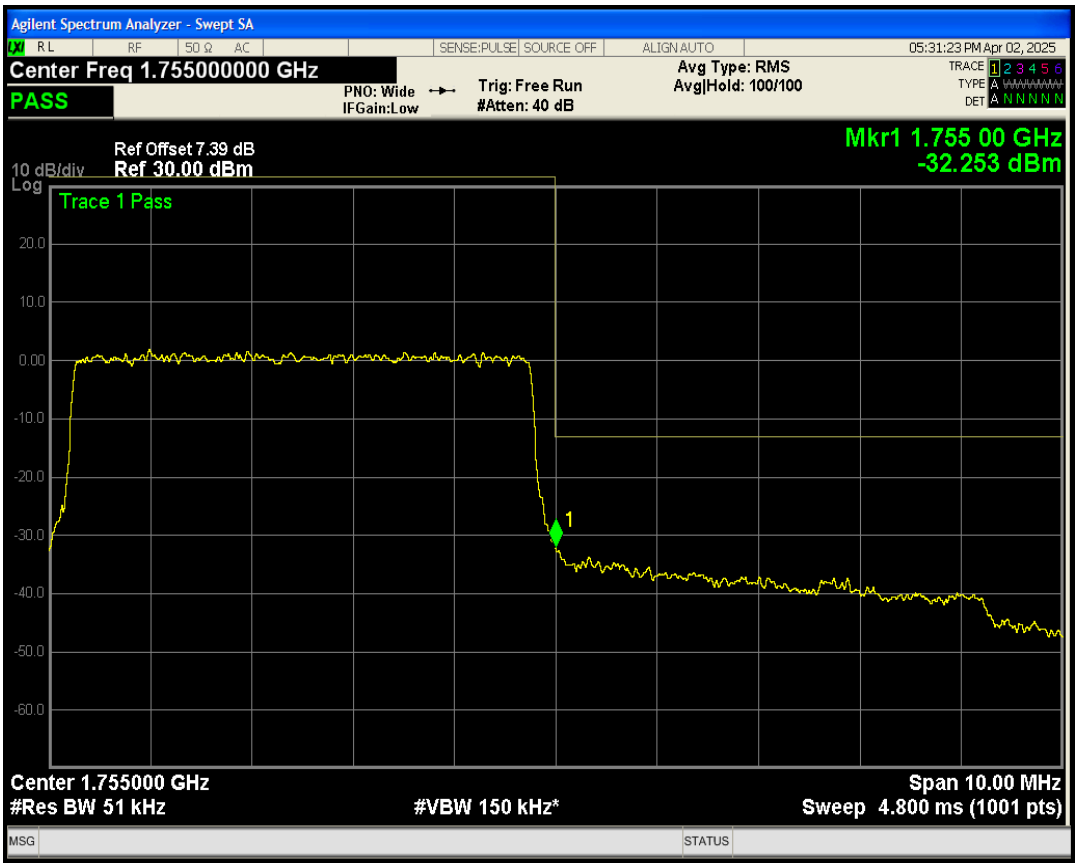
Band4 QAM16 BW=5MHz Channel=19975 RB Size=25 Position=#0



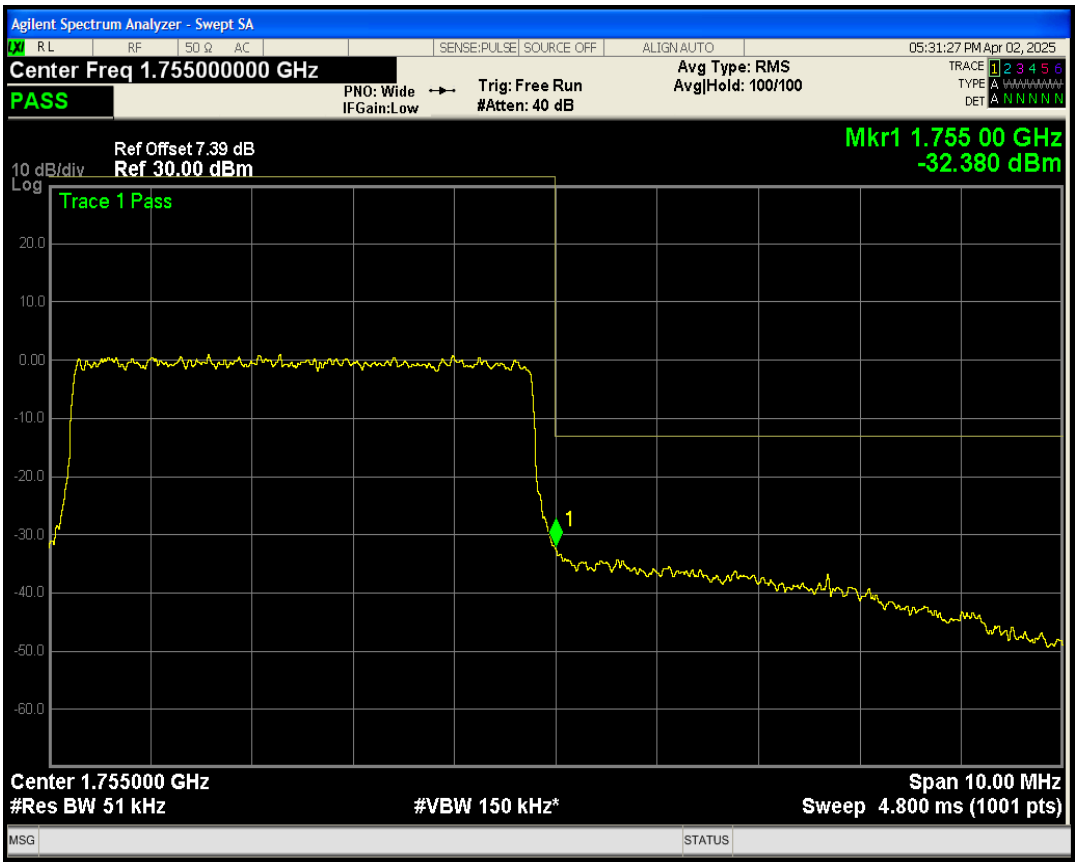
Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



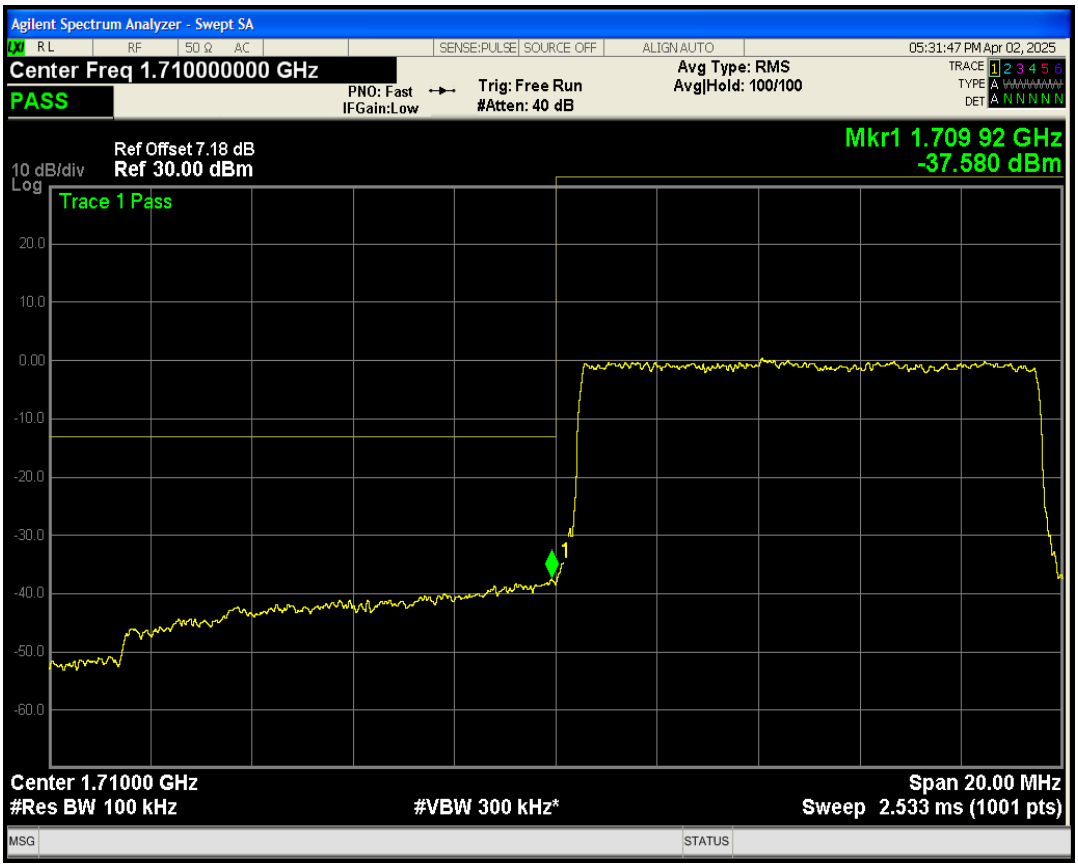
Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



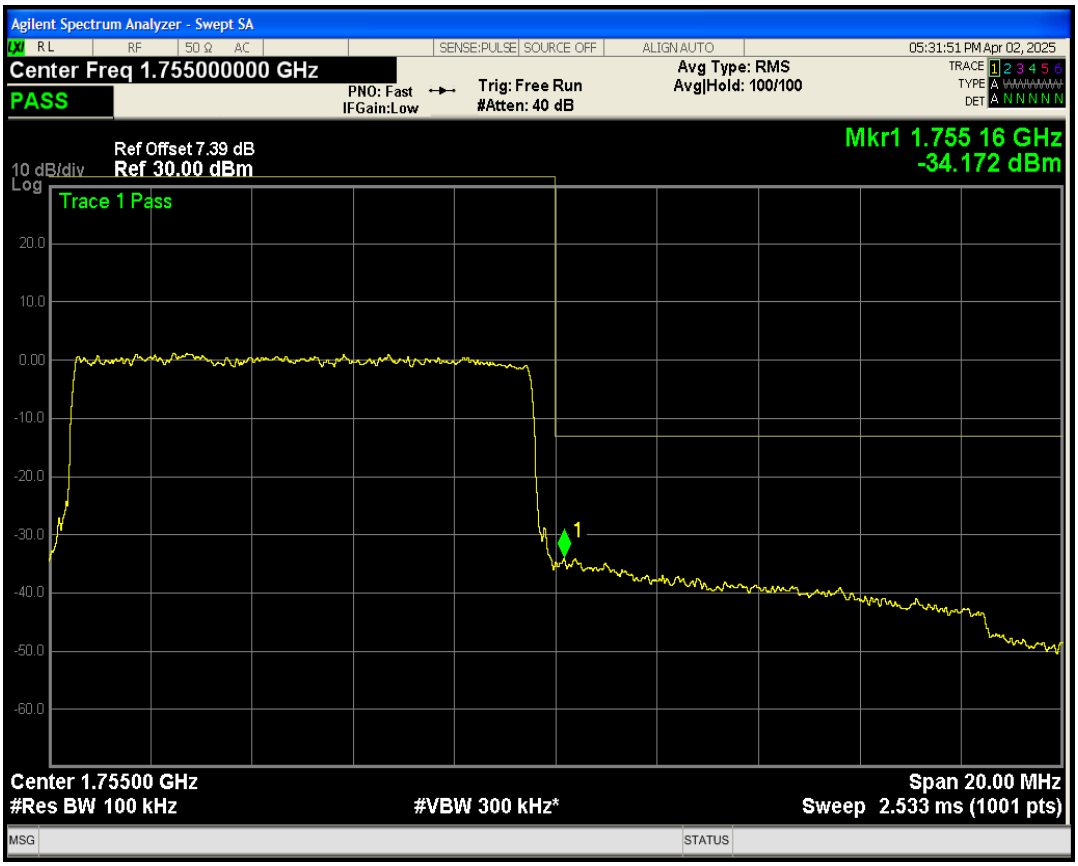
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



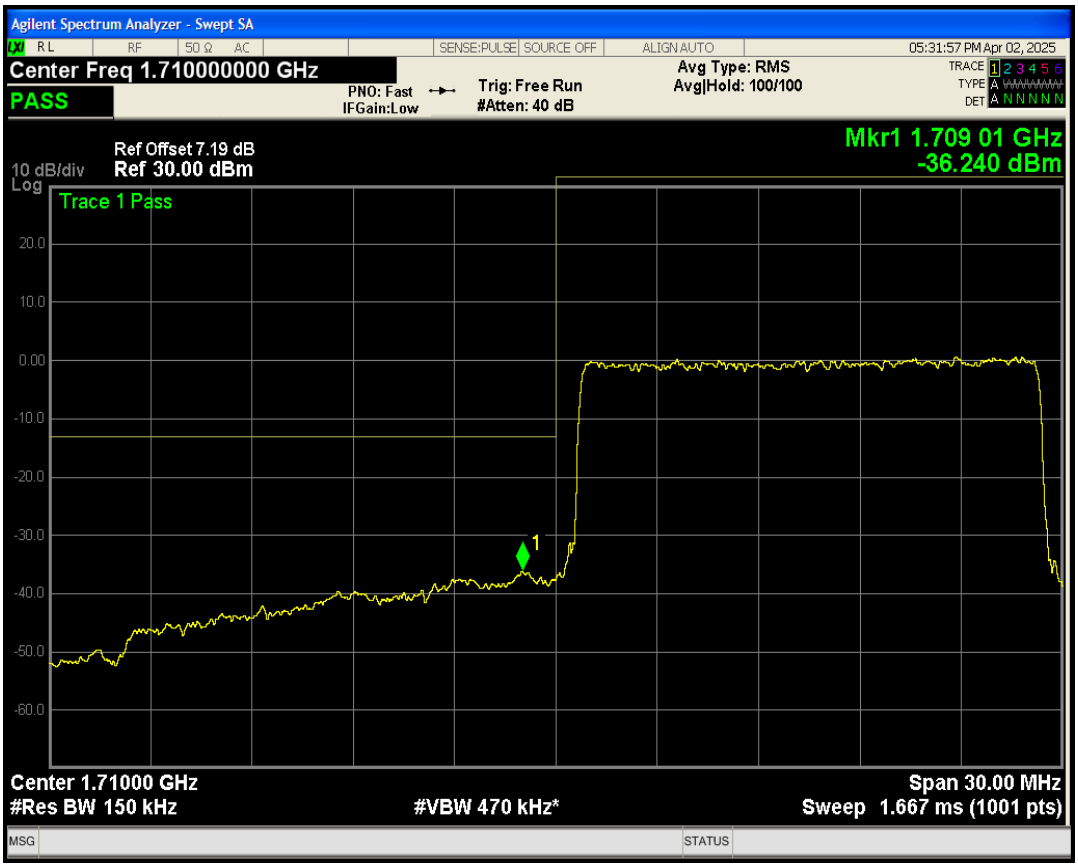
Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



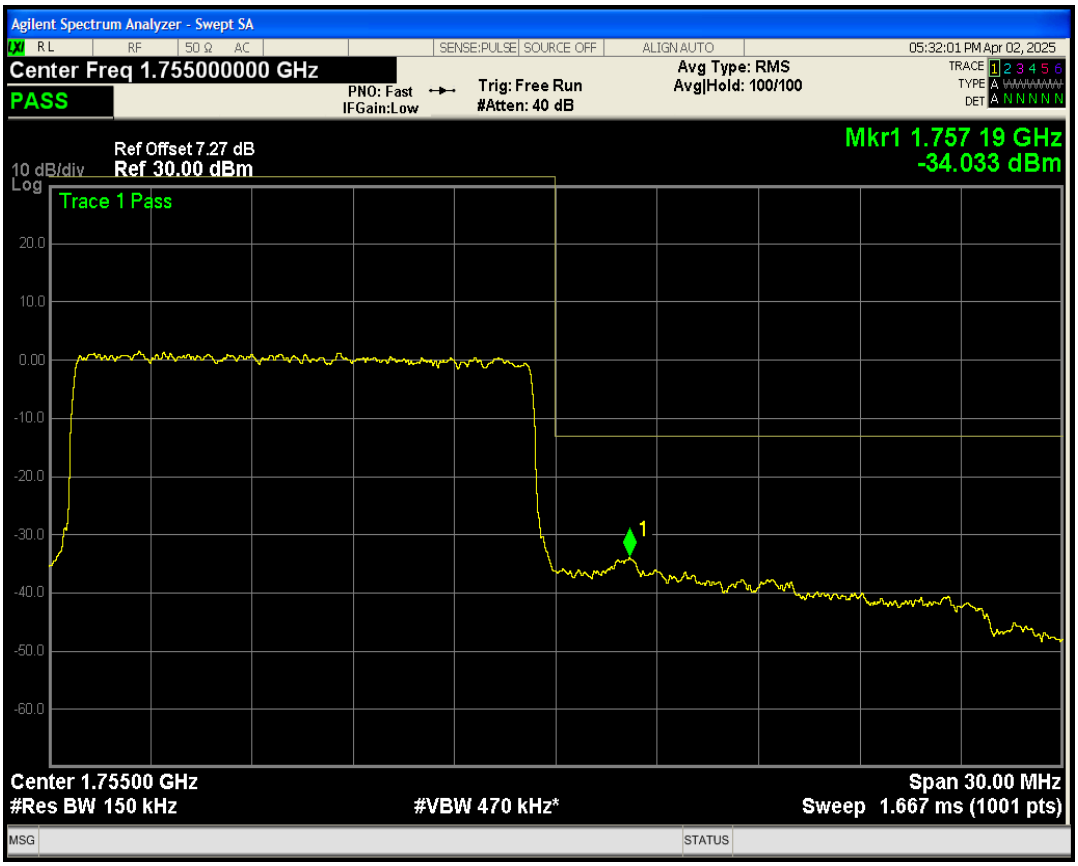
Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



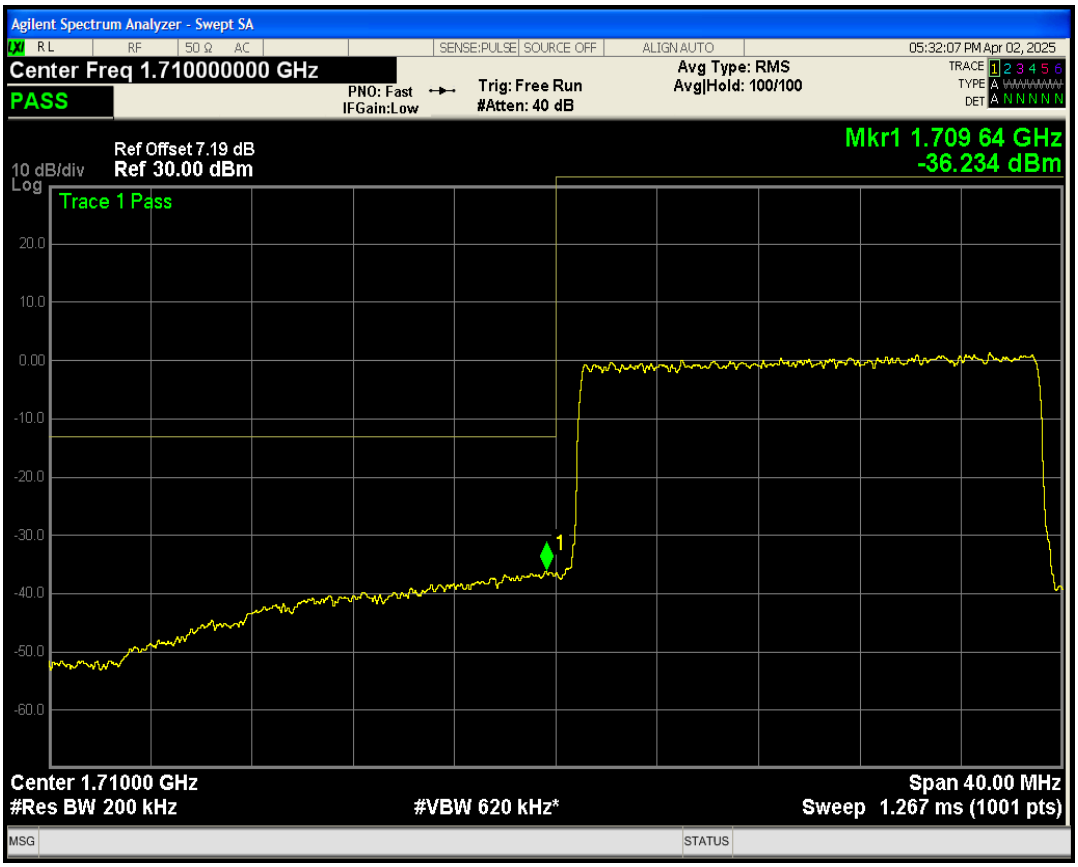
Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



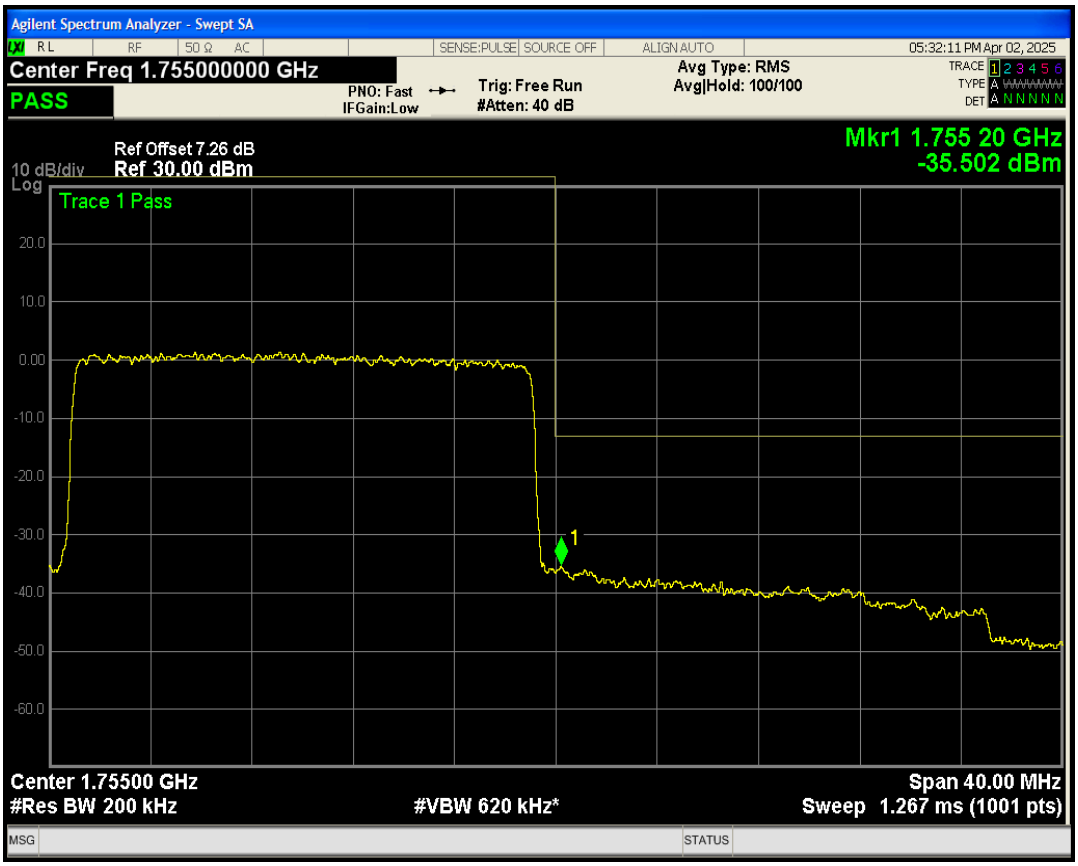
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



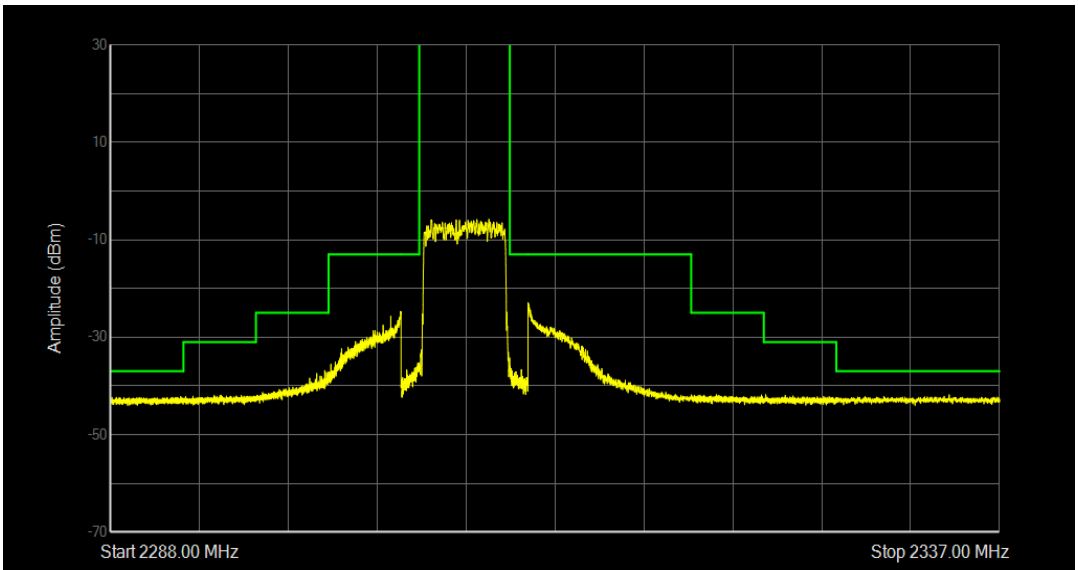
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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

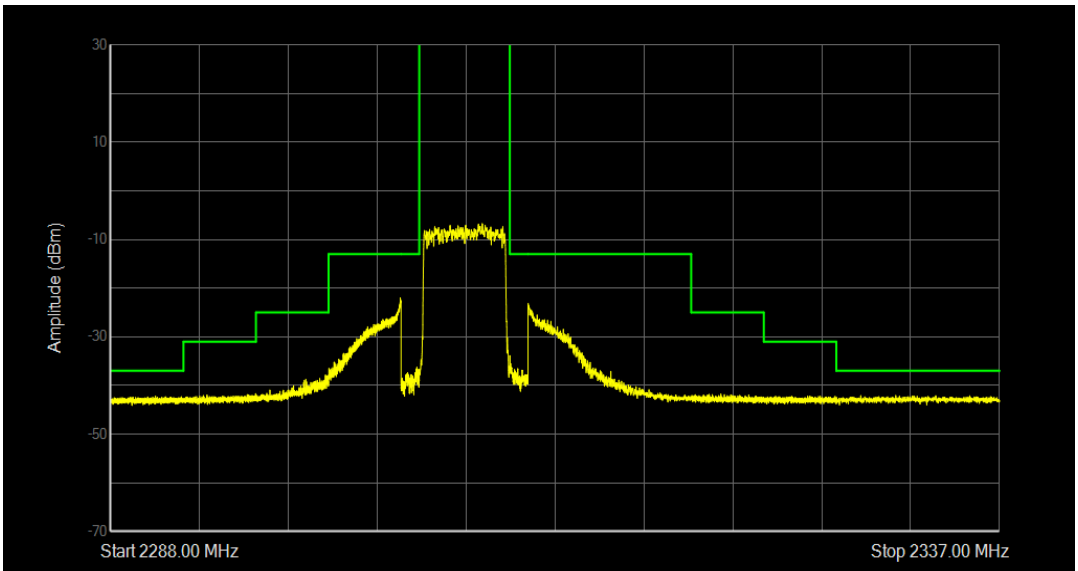


Band40a QPSK BW=5MHz Channel=38725 RB Size=25 Position=#0



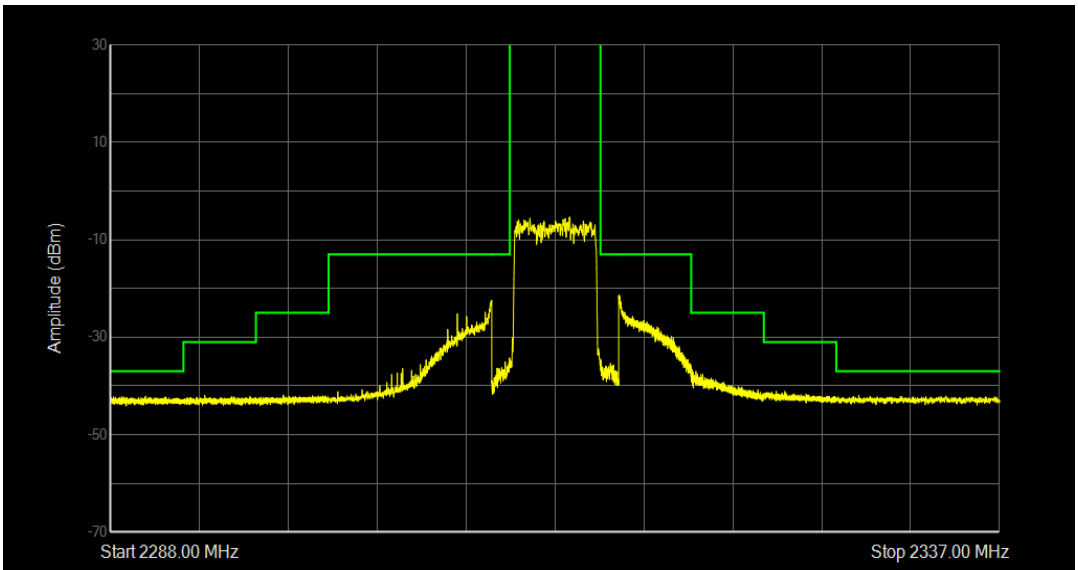
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.848	-42.18	-37
2	2292	2296	1000	2294.072	-41.9	-31
3	2296	2300	1000	2299.792	-36.82	-25
4	2300	2304	1000	2303.976	-24.71	-13
5	2304	2305	51	2304.974	-35.28	-13
6	2310	2311	51	2310.003	-35.92	-13
7	2311	2320	1000	2311.036	-23.19	-13
8	2320	2324	1000	2321.388	-41.78	-25
9	2324	2328	1000	2324.108	-41.8	-31
10	2328	2337	1000	2334.219	-41.82	-37

Band40a QAM16 BW=5MHz Channel=38725 RB Size=25 Position=#0



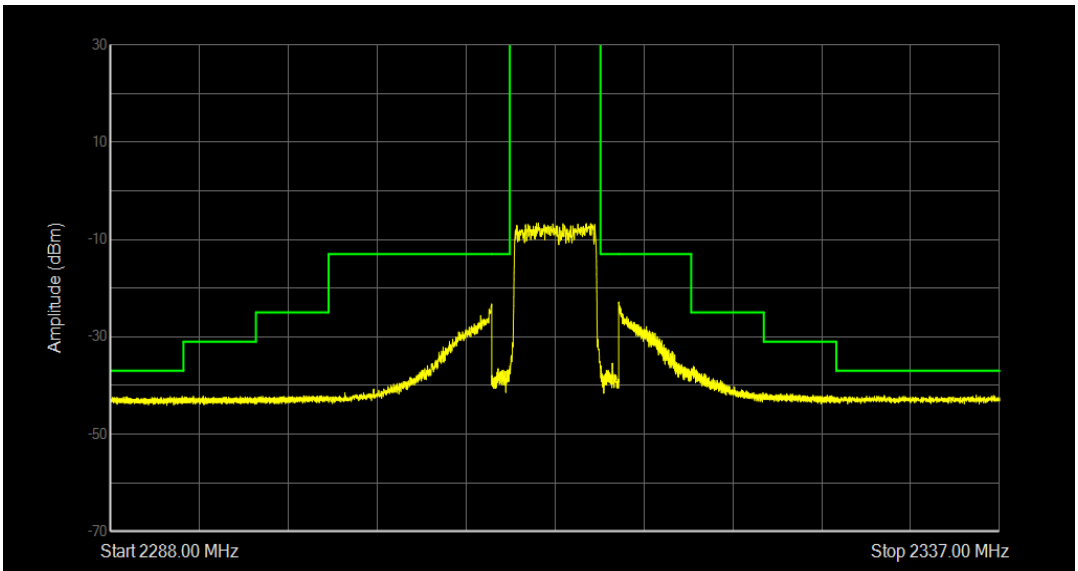
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2290.46	-42.19	-37
2	2292	2296	1000	2295.98	-41.67	-31
3	2296	2300	1000	2299.832	-37.88	-25
4	2300	2304	1000	2303.956	-21.98	-13
5	2304	2305	51	2304.872	-36.3	-13
6	2310	2311	51	2310.001	-33.88	-13
7	2311	2320	1000	2311.009	-23.16	-13
8	2320	2324	1000	2321.632	-41.76	-25
9	2324	2328	1000	2326.42	-42.2	-31
10	2328	2337	1000	2331.276	-42.06	-37

Band40a QPSK BW=5MHz Channel=38775 RB Size=25 Position=#0



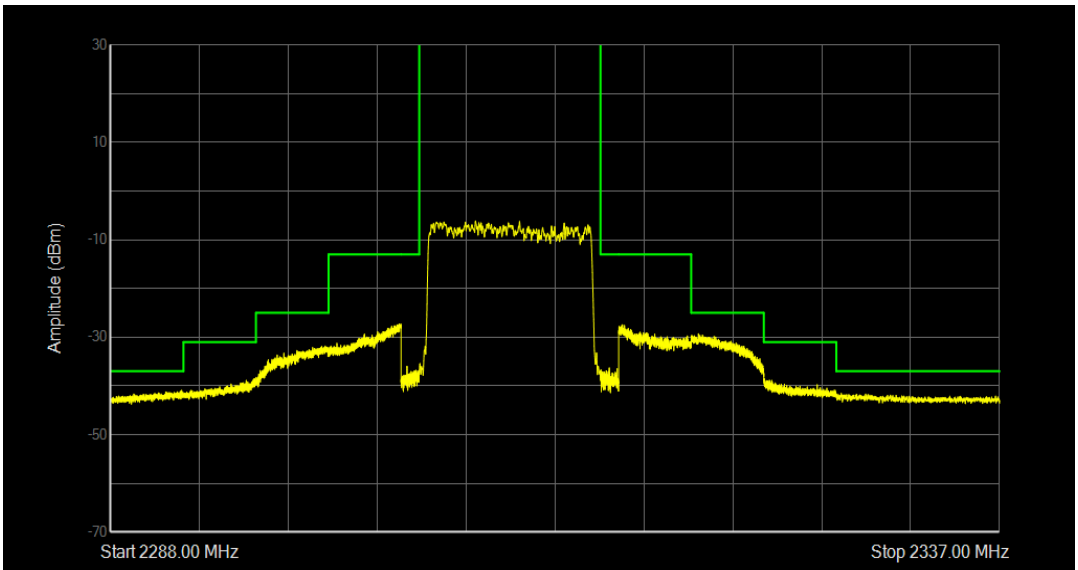
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2289.912	-42.12	-37
2	2292	2296	1000	2293.176	-41.96	-31
3	2296	2300	1000	2297.504	-41.88	-25
4	2300	2309	1000	2308.991	-22.44	-13
5	2309	2310	51	2309.974	-34.28	-13
6	2315	2316	51	2315.02	-34.69	-13
7	2316	2320	1000	2316.02	-21.32	-13
8	2320	2324	1000	2320.06	-36.68	-25
9	2324	2328	1000	2324.684	-41.09	-31
10	2328	2337	1000	2329.233	-41.92	-37

Band40a QAM16 BW=5MHz Channel=38775 RB Size=25 Position=#0



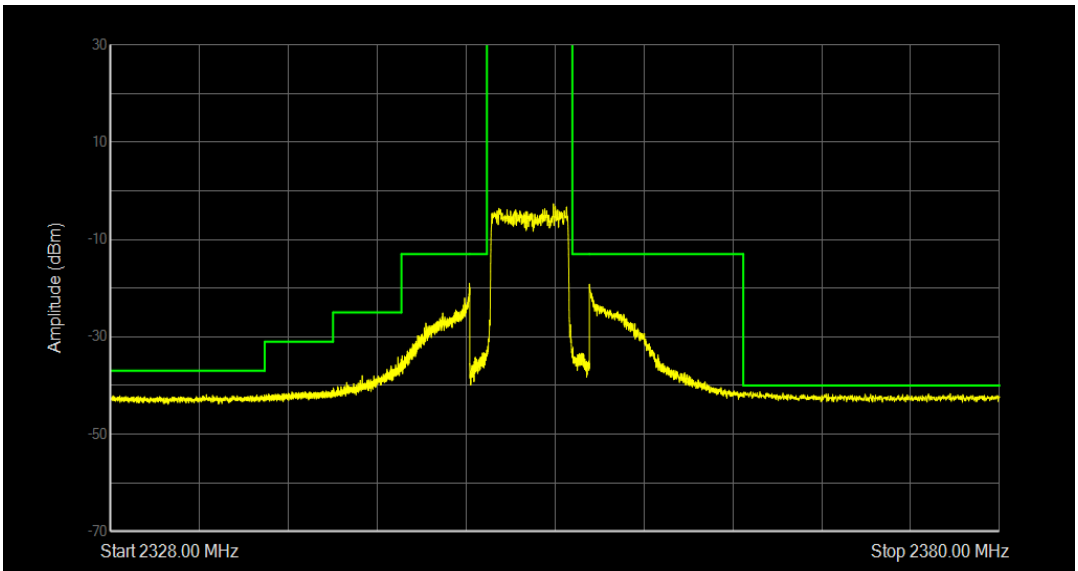
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.928	-42.24	-37
2	2292	2296	1000	2293.088	-42.18	-31
3	2296	2300	1000	2298.632	-42.12	-25
4	2300	2309	1000	2309	-23.25	-13
5	2309	2310	51	2309.351	-36.56	-13
6	2315	2316	51	2315.651	-35.45	-13
7	2316	2320	1000	2316.016	-22.89	-13
8	2320	2324	1000	2320.124	-36.07	-25
9	2324	2328	1000	2324.124	-41.62	-31
10	2328	2337	1000	2335.713	-41.99	-37

Band40a QPSK BW=10MHz Channel=38750 RB Size=50 Position=#0



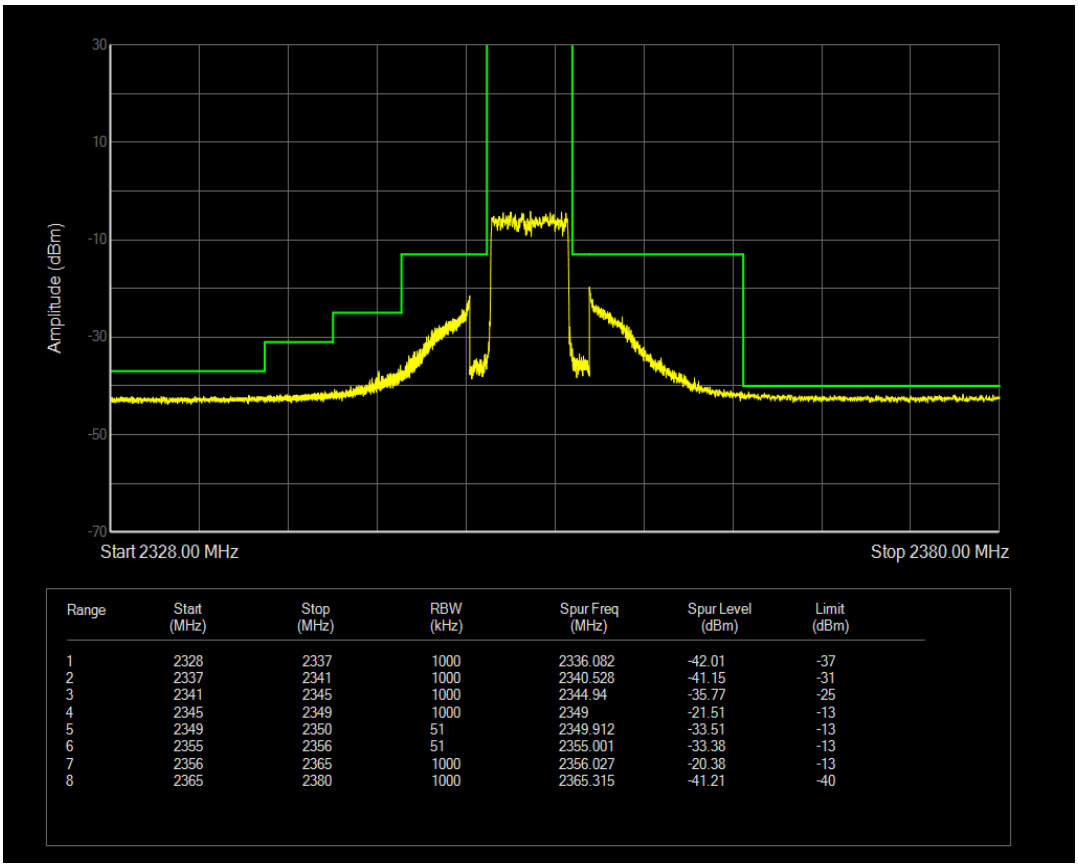
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2288	2292	1000	2291.904	-40.89	-37
2	2292	2296	1000	2295.936	-38.5	-31
3	2296	2300	1000	2299.816	-31.81	-25
4	2300	2304	1000	2303.892	-27.28	-13
5	2304	2305	100	2304.327	-35.97	-13
6	2315	2316	100	2315.48	-36.31	-13
7	2316	2320	1000	2316.208	-27.43	-13
8	2320	2324	1000	2320.396	-29.28	-25
9	2324	2328	1000	2324.02	-38.5	-31
10	2328	2337	1000	2328.27	-41.53	-37

Band40b QPSK BW=5MHz Channel=39175 RB Size=25 Position=#0



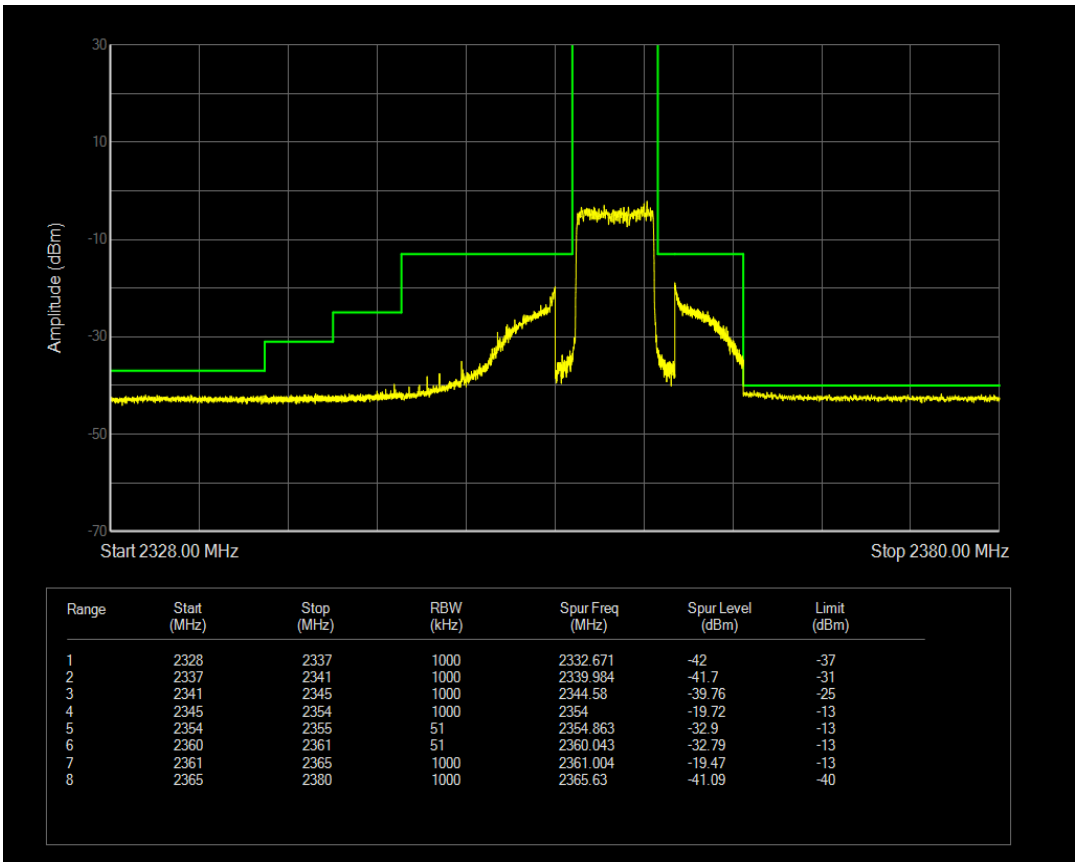
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2333.589	-41.88	-37
2	2337	2341	1000	2340.928	-41.04	-31
3	2341	2345	1000	2344.8	-34.19	-25
4	2345	2349	1000	2348.98	-18.99	-13
5	2349	2350	51	2350	-32.67	-13
6	2355	2356	51	2355.038	-32.2	-13
7	2356	2365	1000	2356.009	-19.67	-13
8	2365	2380	1000	2365.975	-41.29	-40

Band40b QAM16 BW=5MHz Channel=39175 RB Size=25 Position=#0



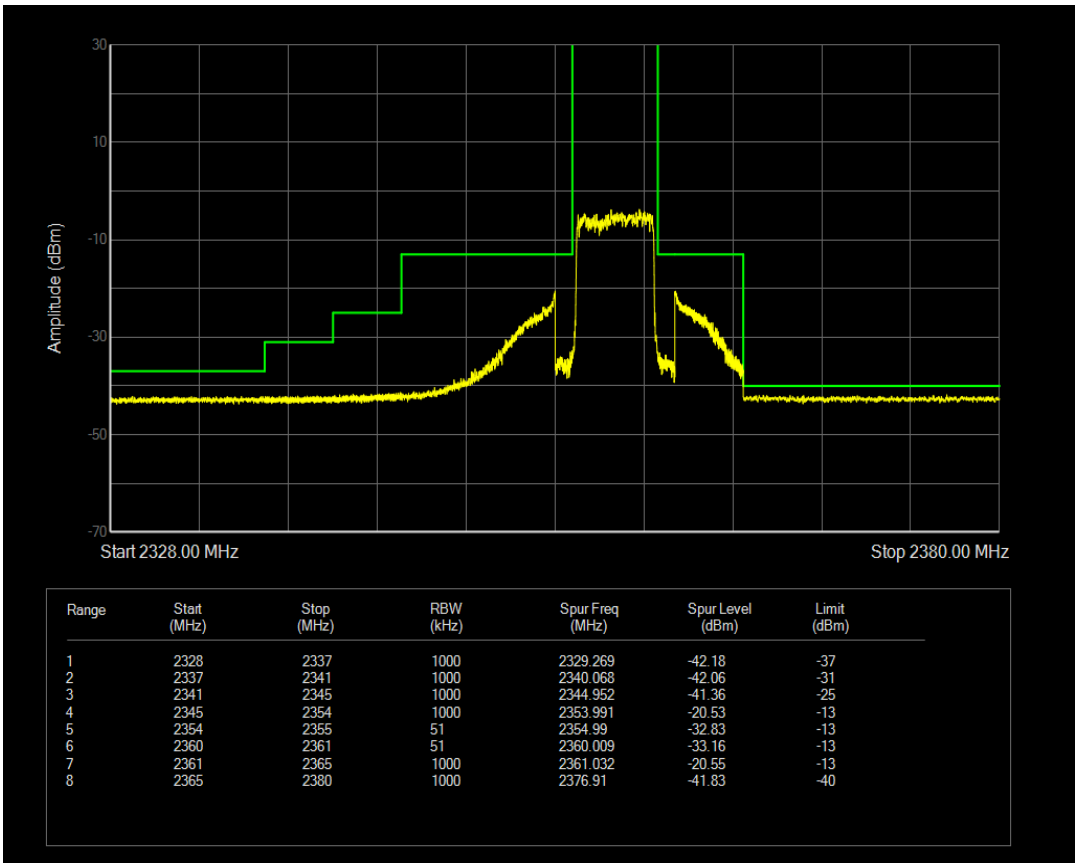
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2336.082	-42.01	-37
2	2337	2341	1000	2340.528	-41.15	-31
3	2341	2345	1000	2344.94	-35.77	-25
4	2345	2349	1000	2349	-21.51	-13
5	2349	2350	51	2349.912	-33.51	-13
6	2355	2356	51	2355.001	-33.38	-13
7	2356	2365	1000	2356.027	-20.38	-13
8	2365	2380	1000	2365.315	-41.21	-40

Band40b QPSK BW=5MHz Channel=39225 RB Size=25 Position=#0



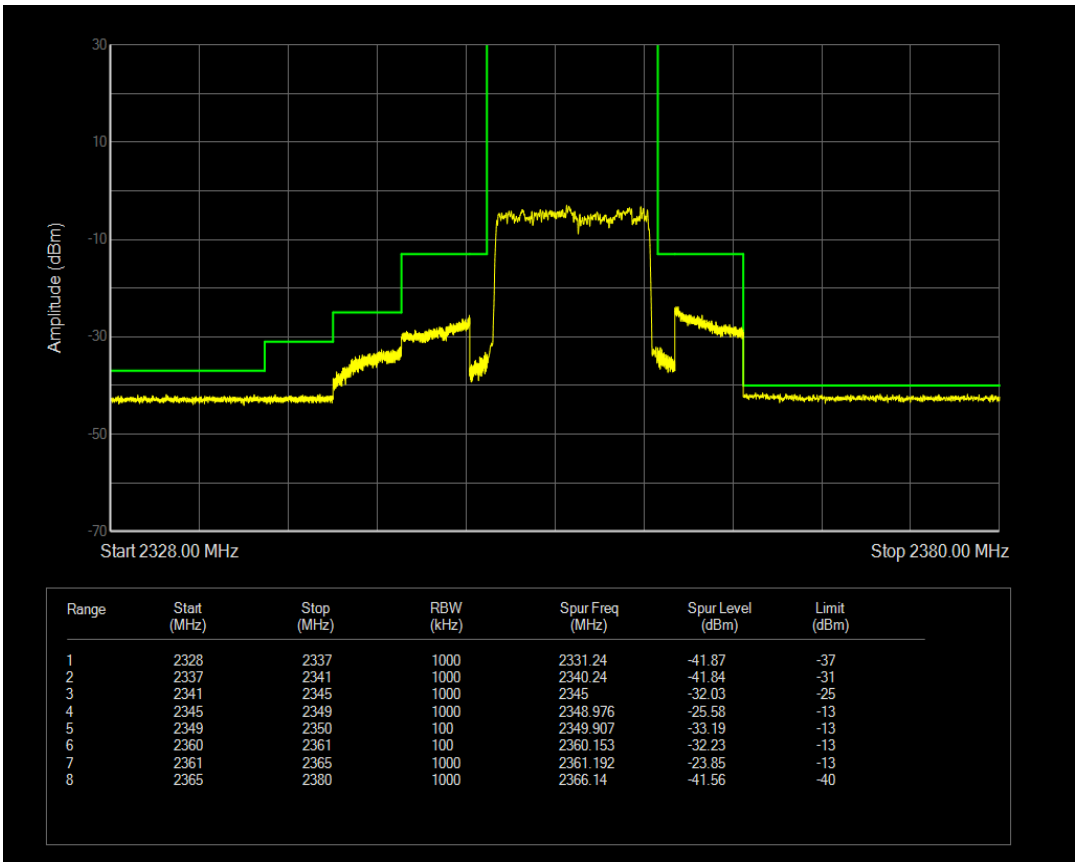
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2332.671	-42	-37
2	2337	2341	1000	2339.984	-41.7	-31
3	2341	2345	1000	2344.58	-39.76	-25
4	2345	2354	1000	2354	-19.72	-13
5	2354	2355	51	2354.863	-32.9	-13
6	2360	2361	51	2360.043	-32.79	-13
7	2361	2365	1000	2361.004	-19.47	-13
8	2365	2380	1000	2365.63	-41.09	-40

Band40b QAM16 BW=5MHz Channel=39225 RB Size=25 Position=#0



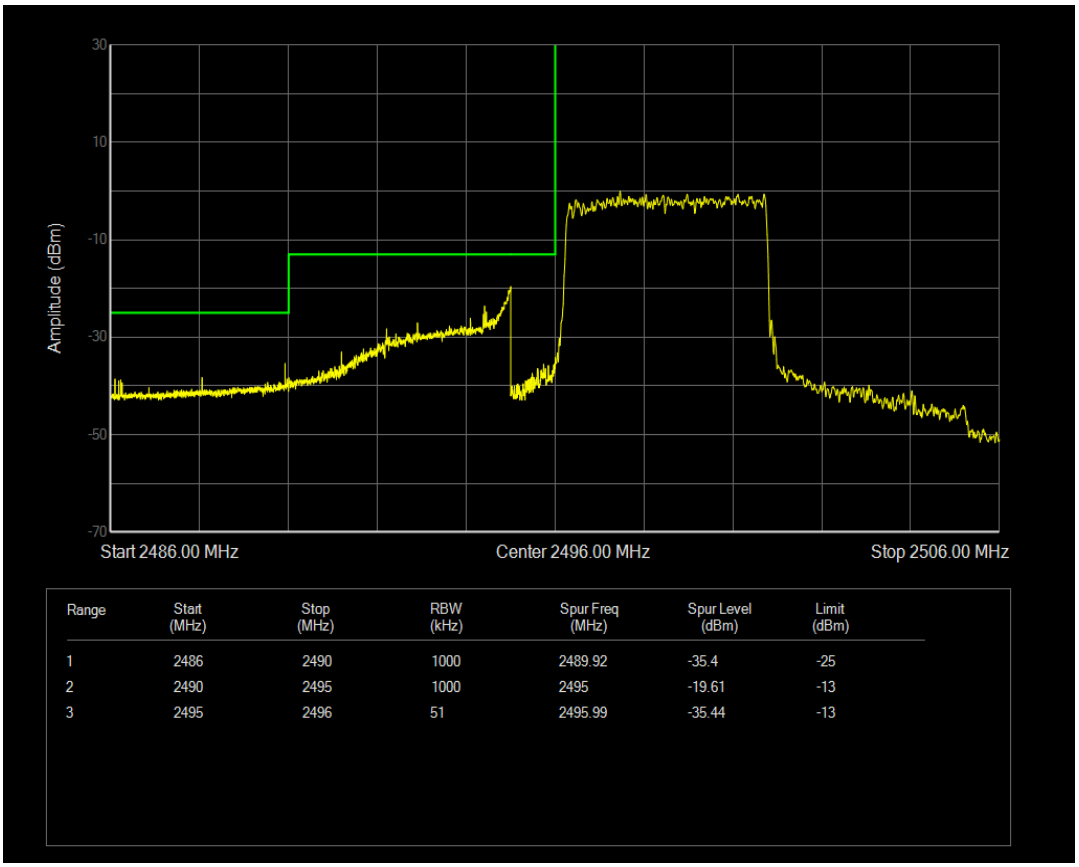
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2329.269	-42.18	-37
2	2337	2341	1000	2340.068	-42.06	-31
3	2341	2345	1000	2344.952	-41.36	-25
4	2345	2354	1000	2353.991	-20.53	-13
5	2354	2355	51	2354.99	-32.83	-13
6	2360	2361	51	2360.009	-33.16	-13
7	2361	2365	1000	2361.032	-20.55	-13
8	2365	2380	1000	2376.91	-41.83	-40

Band40b QPSK BW=10MHz Channel=39200 RB Size=50 Position=#0



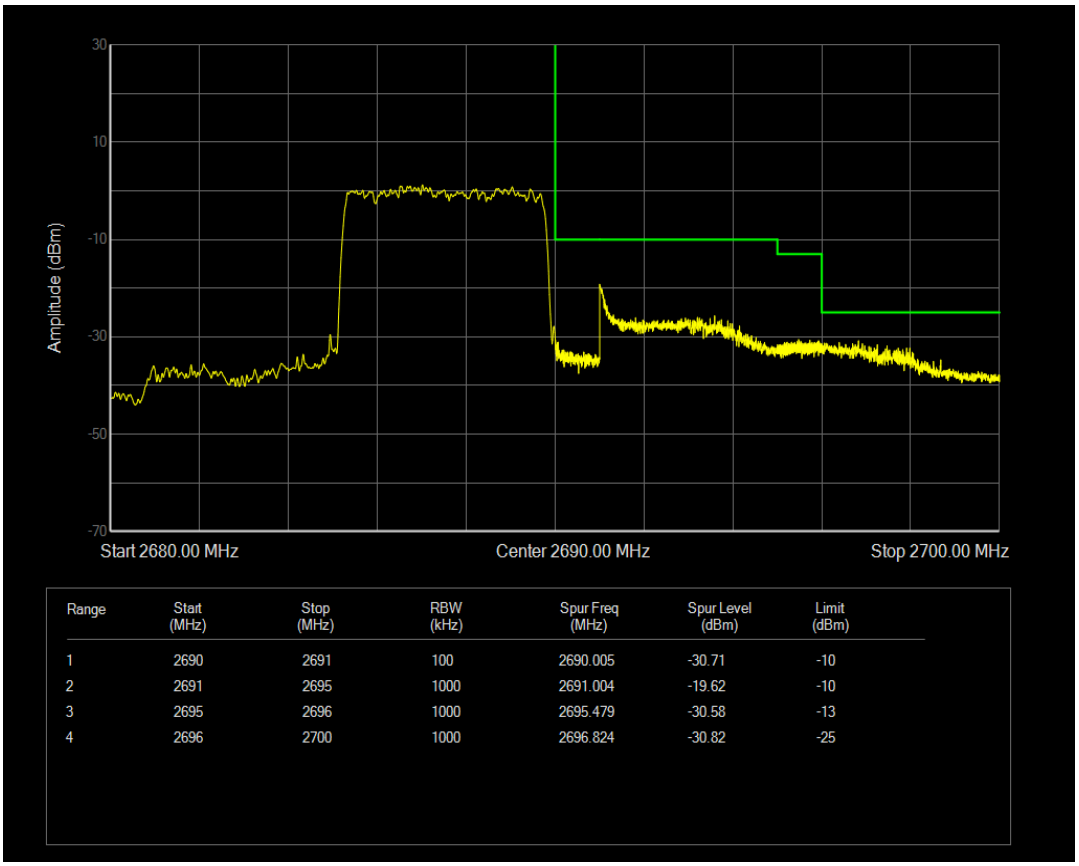
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2328	2337	1000	2331.24	-41.87	-37
2	2337	2341	1000	2340.24	-41.84	-31
3	2341	2345	1000	2345	-32.03	-25
4	2345	2349	1000	2348.976	-25.58	-13
5	2349	2350	100	2349.907	-33.19	-13
6	2360	2361	100	2360.153	-32.23	-13
7	2361	2365	1000	2361.192	-23.85	-13
8	2365	2380	1000	2366.14	-41.56	-40

Band41 QPSK BW=5MHz Channel=39675 RB Size=25 Position=#0



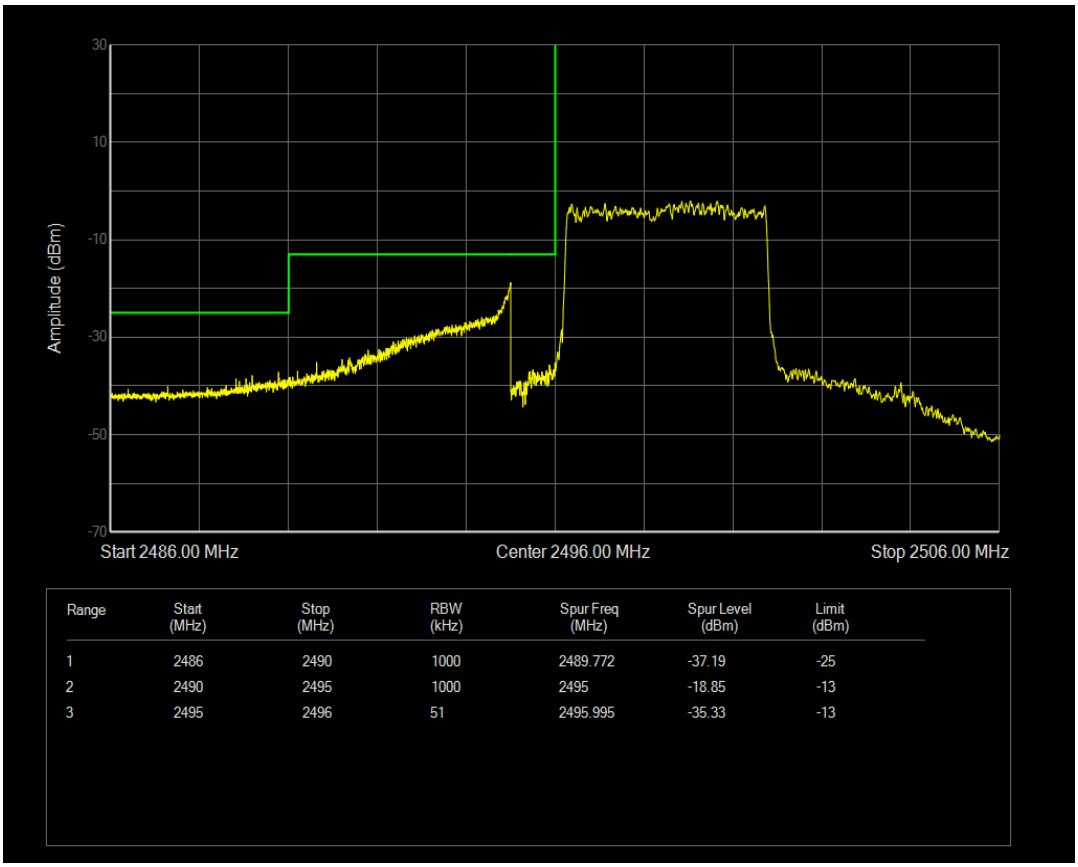
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.92	-35.4	-25
2	2490	2495	1000	2495	-19.61	-13
3	2495	2496	51	2495.99	-35.44	-13

Band41 QPSK BW=5MHz Channel=41565 RB Size=25 Position=#0



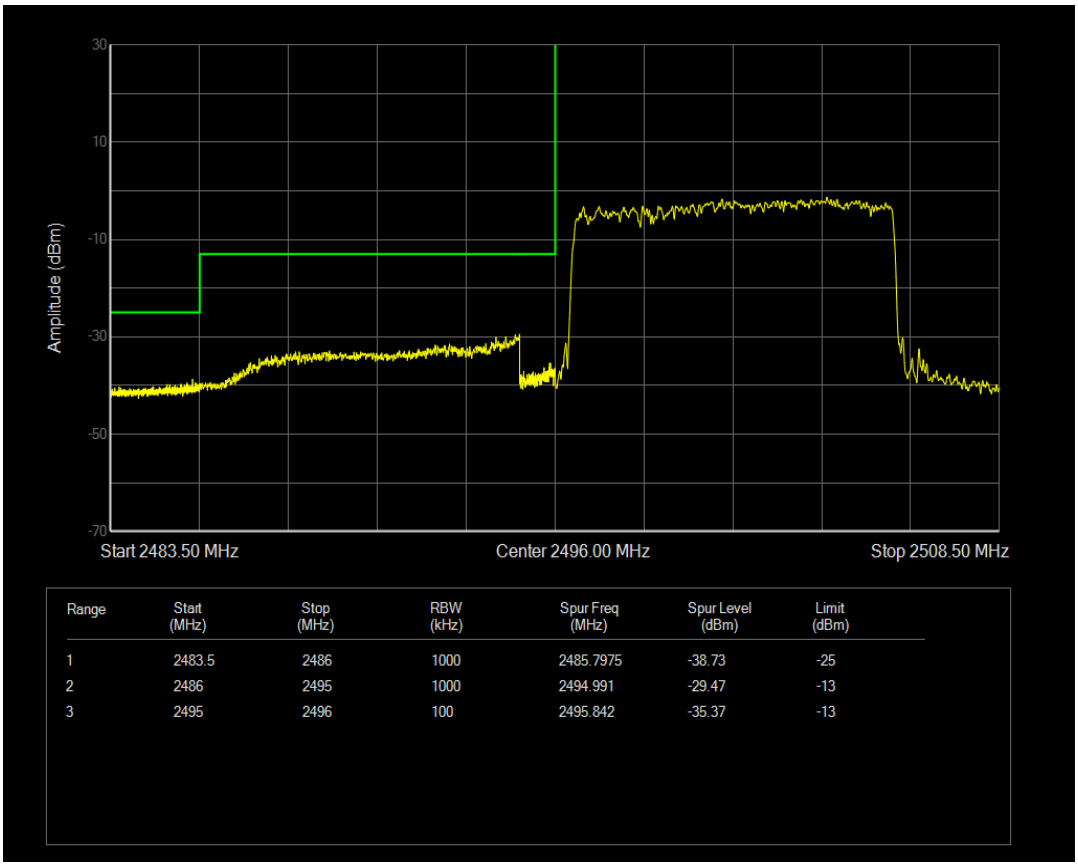
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.005	-30.71	-10
2	2691	2695	1000	2691.004	-19.62	-10
3	2695	2696	1000	2695.479	-30.58	-13
4	2696	2700	1000	2696.824	-30.82	-25

Band41 QAM16 BW=5MHz Channel=39675 RB Size=25 Position=#0



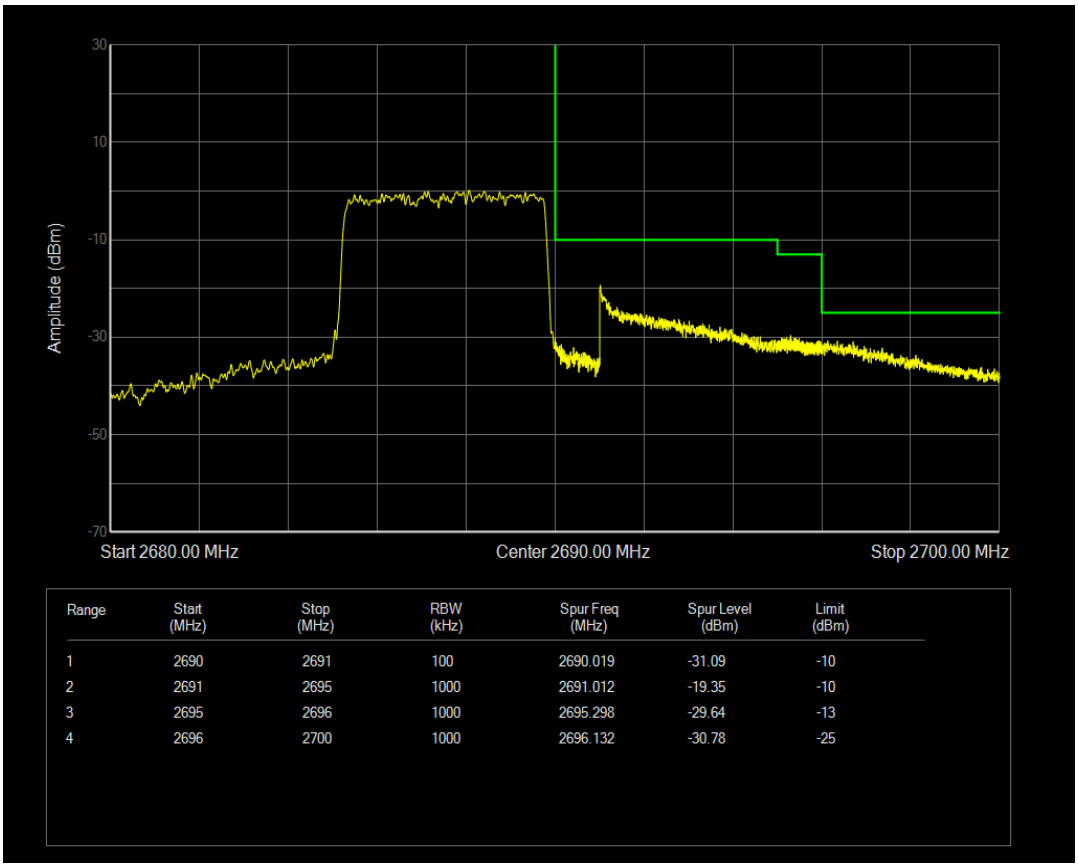
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2486	2490	1000	2489.772	-37.19	-25
2	2490	2495	1000	2495	-18.85	-13
3	2495	2496	51	2495.995	-35.33	-13

Band41 QPSK BW=10MHz Channel=39700 RB Size=50 Position=#0



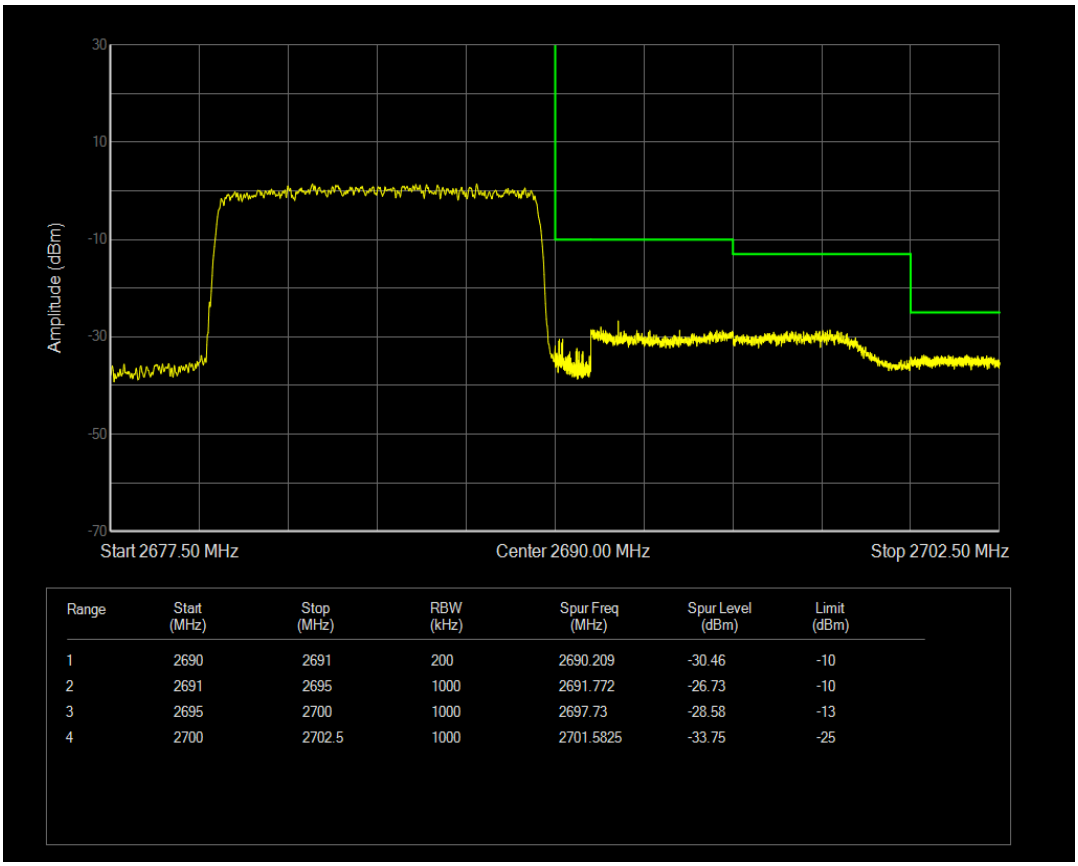
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2483.5	2486	1000	2485.7975	-38.73	-25
2	2486	2495	1000	2494.991	-29.47	-13
3	2495	2496	100	2495.842	-35.37	-13

Band41 QAM16 BW=5MHz Channel=41565 RB Size=25 Position=#0



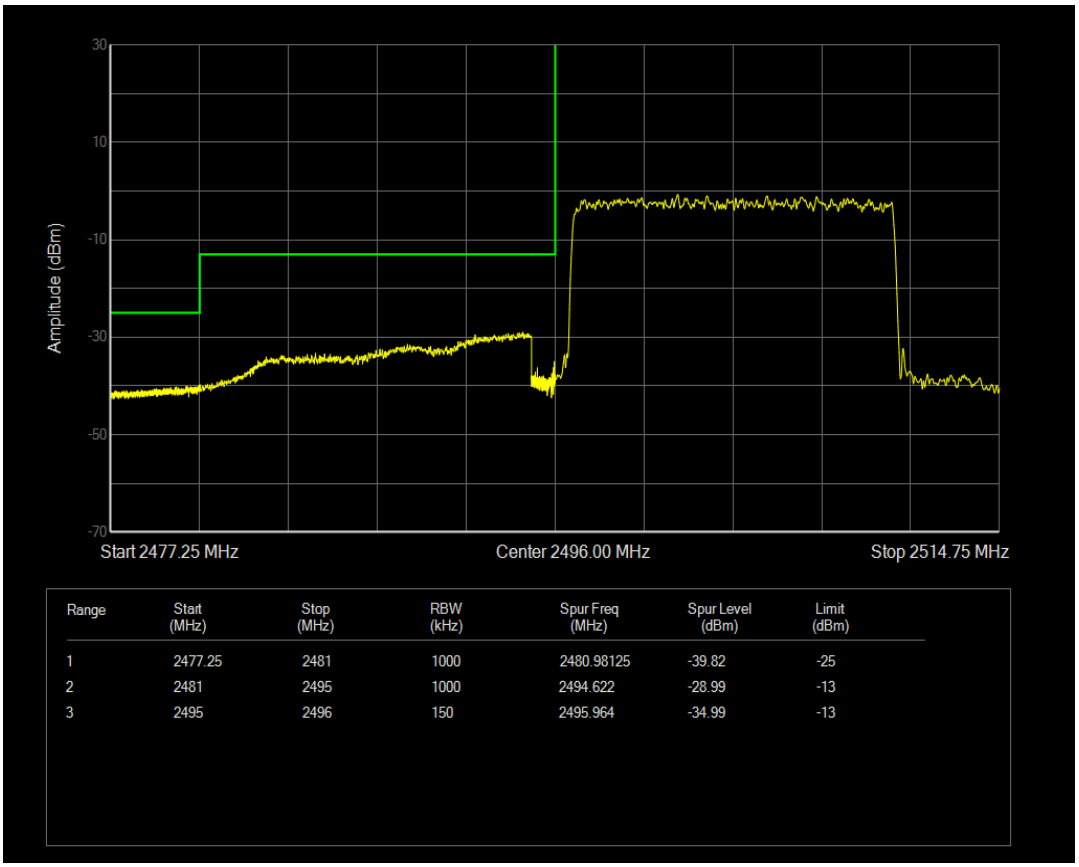
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	100	2690.019	-31.09	-10
2	2691	2695	1000	2691.012	-19.35	-10
3	2695	2696	1000	2695.298	-29.64	-13
4	2696	2700	1000	2696.132	-30.78	-25

Band41 QPSK BW=10MHz Channel=41540 RB Size=50 Position=#0



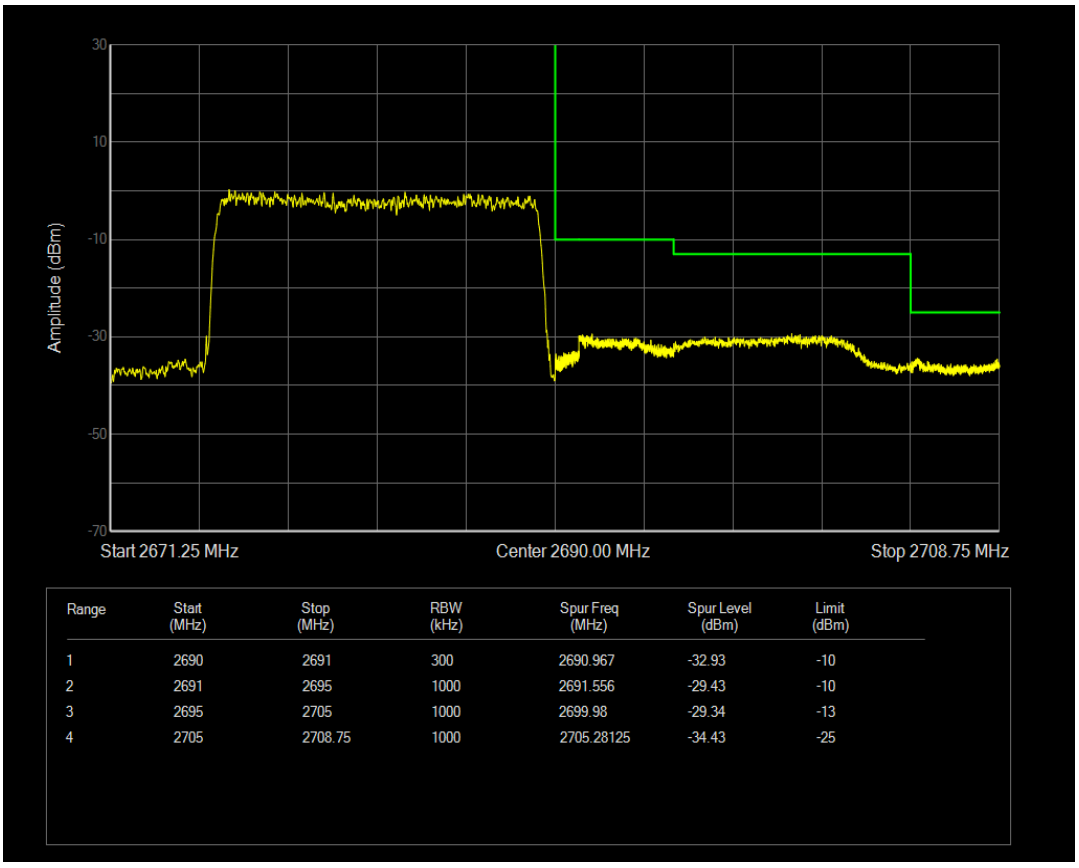
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	200	2690.209	-30.46	-10
2	2691	2695	1000	2691.772	-26.73	-10
3	2695	2700	1000	2697.73	-28.58	-13
4	2700	2702.5	1000	2701.5825	-33.75	-25

Band41 QPSK BW=15MHz Channel=39725 RB Size=75 Position=#0



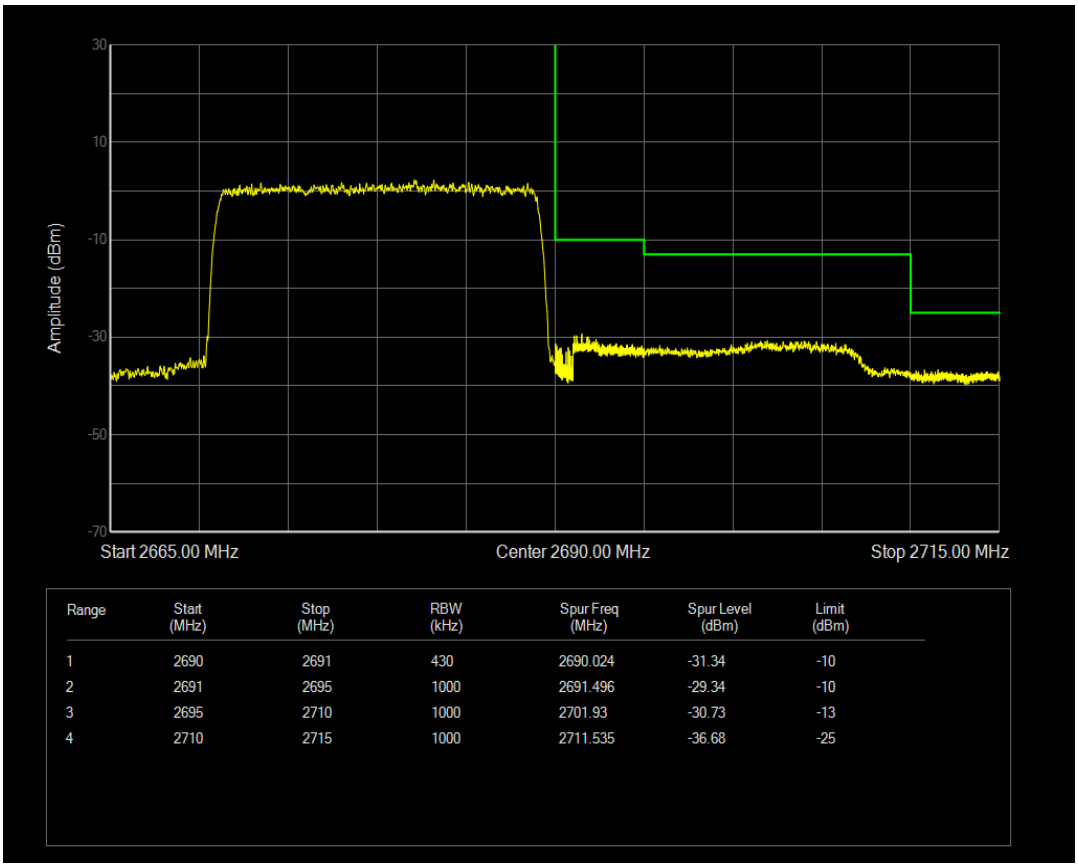
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2477.25	2481	1000	2480.98125	-39.82	-25
2	2481	2495	1000	2494.622	-28.99	-13
3	2495	2496	150	2495.964	-34.99	-13

Band41 QPSK BW=15MHz Channel=41515 RB Size=75 Position=#0



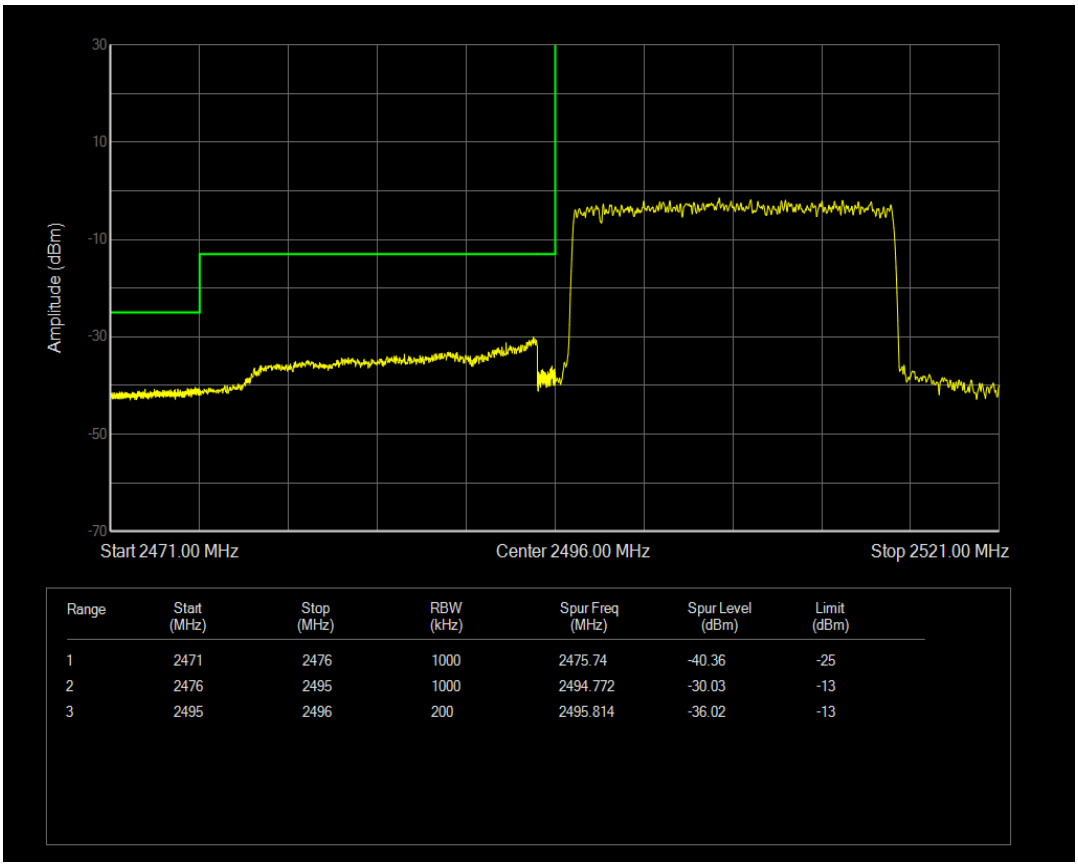
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	300	2690.967	-32.93	-10
2	2691	2695	1000	2691.556	-29.43	-10
3	2695	2705	1000	2699.98	-29.34	-13
4	2705	2708.75	1000	2705.28125	-34.43	-25

Band41 QPSK BW=20MHz Channel=41490 RB Size=100 Position=#0



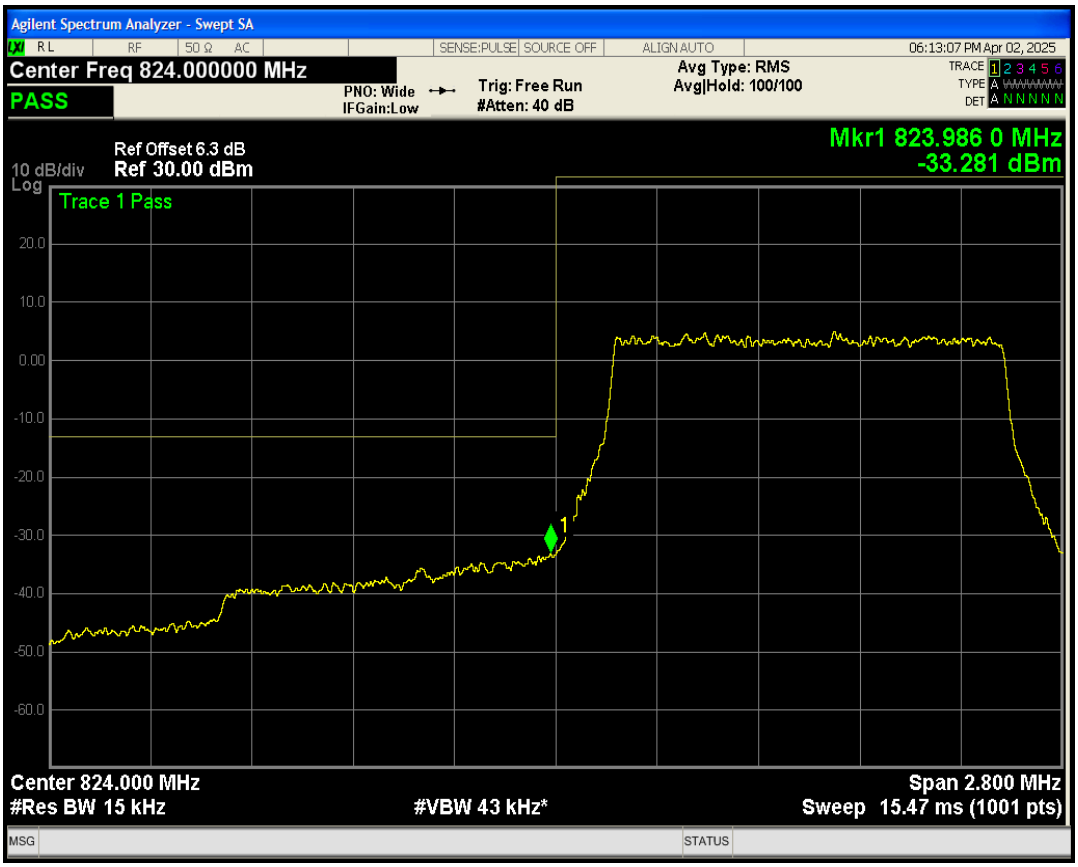
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2690	2691	430	2690.024	-31.34	-10
2	2691	2695	1000	2691.496	-29.34	-10
3	2695	2710	1000	2701.93	-30.73	-13
4	2710	2715	1000	2711.535	-36.68	-25

Band41 QPSK BW=20MHz Channel=39750 RB Size=100 Position=#0

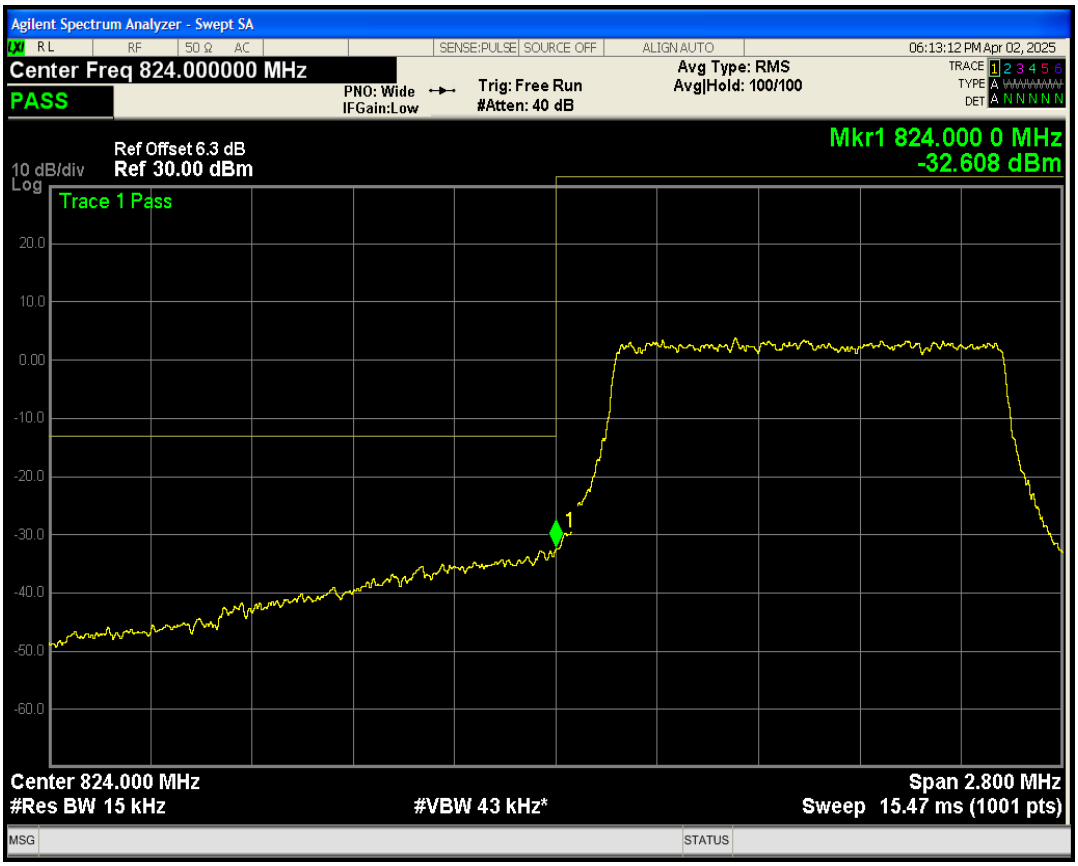


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2471	2476	1000	2475.74	-40.36	-25
2	2476	2495	1000	2494.772	-30.03	-13
3	2495	2496	200	2495.814	-36.02	-13

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



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



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