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1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted Output AV Power (dBm)	Antenna Gain (dBi)	Antenna Gain (dBd)	ERP (dBm)	Limt (dBm)	Verdict
Band13	5	23205	1	#0	QPSK	22.69	-4	-6.15	16.54	34.77	Pass
Band13	5	23205	1	#Mid	QPSK	22.76	-4	-6.15	16.61	34.77	Pass
Band13	5	23205	1	#Max	QPSK	22.73	-4	-6.15	16.58	34.77	Pass
Band13	5	23205	12	#0	QPSK	21.63	-4	-6.15	15.48	34.77	Pass
Band13	5	23205	12	#Mid	QPSK	21.79	-4	-6.15	15.64	34.77	Pass
Band13	5	23205	12	#Max	QPSK	21.72	-4	-6.15	15.57	34.77	Pass
Band13	5	23205	25	#0	QPSK	21.74	-4	-6.15	15.59	34.77	Pass
Band13	5	23205	1	#0	QAM16	21.95	-4	-6.15	15.80	34.77	Pass
Band13	5	23205	1	#Mid	QAM16	22.07	-4	-6.15	15.92	34.77	Pass
Band13	5	23205	1	#Max	QAM16	22.00	-4	-6.15	15.85	34.77	Pass
Band13	5	23205	12	#0	QAM16	20.62	-4	-6.15	14.47	34.77	Pass
Band13	5	23205	12	#Mid	QAM16	20.73	-4	-6.15	14.58	34.77	Pass
Band13	5	23205	12	#Max	QAM16	20.64	-4	-6.15	14.49	34.77	Pass
Band13	5	23205	25	#0	QAM16	20.75	-4	-6.15	14.60	34.77	Pass
Band13	5	23230	1	#0	QPSK	22.63	-4	-6.15	16.48	34.77	Pass
Band13	5	23230	1	#Mid	QPSK	22.68	-4	-6.15	16.53	34.77	Pass
Band13	5	23230	1	#Max	QPSK	22.62	-4	-6.15	16.47	34.77	Pass
Band13	5	23230	12	#0	QPSK	21.64	-4	-6.15	15.49	34.77	Pass
Band13	5	23230	12	#Mid	QPSK	21.77	-4	-6.15	15.62	34.77	Pass
Band13	5	23230	12	#Max	QPSK	21.64	-4	-6.15	15.49	34.77	Pass
Band13	5	23230	25	#0	QPSK	21.68	-4	-6.15	15.53	34.77	Pass
Band13	5	23230	1	#0	QAM16	21.99	-4	-6.15	15.84	34.77	Pass
Band13	5	23230	1	#Mid	QAM16	21.99	-4	-6.15	15.84	34.77	Pass
Band13	5	23230	1	#Max	QAM16	21.94	-4	-6.15	15.79	34.77	Pass
Band13	5	23230	12	#0	QAM16	20.70	-4	-6.15	14.55	34.77	Pass
Band13	5	23230	12	#Mid	QAM16	20.79	-4	-6.15	14.64	34.77	Pass
Band13	5	23230	12	#Max	QAM16	20.66	-4	-6.15	14.51	34.77	Pass
Band13	5	23230	25	#0	QAM16	20.68	-4	-6.15	14.53	34.77	Pass
Band13	5	23255	1	#0	QPSK	22.68	-4	-6.15	16.53	34.77	Pass
Band13	5	23255	1	#Mid	QPSK	22.74	-4	-6.15	16.59	34.77	Pass
Band13	5	23255	1	#Max	QPSK	22.77	-4	-6.15	16.62	34.77	Pass
Band13	5	23255	12	#0	QPSK	21.72	-4	-6.15	15.57	34.77	Pass
Band13	5	23255	12	#Mid	QPSK	21.82	-4	-6.15	15.67	34.77	Pass
Band13	5	23255	12	#Max	QPSK	21.70	-4	-6.15	15.55	34.77	Pass
Band13	5	23255	25	#0	QPSK	21.77	-4	-6.15	15.62	34.77	Pass
Band13	5	23255	1	#0	QAM16	22.16	-4	-6.15	16.01	34.77	Pass
Band13	5	23255	1	#Mid	QAM16	22.27	-4	-6.15	16.12	34.77	Pass

Band13	5	23255	1	#Max	QAM16	22.29	-4	-6.15	16.14	34.77	Pass
Band13	5	23255	12	#0	QAM16	20.71	-4	-6.15	14.56	34.77	Pass
Band13	5	23255	12	#Mid	QAM16	20.83	-4	-6.15	14.68	34.77	Pass
Band13	5	23255	12	#Max	QAM16	20.77	-4	-6.15	14.62	34.77	Pass
Band13	5	23255	25	#0	QAM16	20.72	-4	-6.15	14.57	34.77	Pass
Band13	10	23230	1	#0	QPSK	22.75	-4	-6.15	16.60	34.77	Pass
Band13	10	23230	1	#Mid	QPSK	22.76	-4	-6.15	16.61	34.77	Pass
Band13	10	23230	1	#Max	QPSK	22.81	-4	-6.15	16.66	34.77	Pass
Band13	10	23230	25	#0	QPSK	21.60	-4	-6.15	15.45	34.77	Pass
Band13	10	23230	25	#Mid	QPSK	21.76	-4	-6.15	15.61	34.77	Pass
Band13	10	23230	25	#Max	QPSK	21.63	-4	-6.15	15.48	34.77	Pass
Band13	10	23230	50	#0	QPSK	21.65	-4	-6.15	15.50	34.77	Pass
Band13	10	23230	1	#0	QAM16	22.15	-4	-6.15	16.00	34.77	Pass
Band13	10	23230	1	#Mid	QAM16	22.12	-4	-6.15	15.97	34.77	Pass
Band13	10	23230	1	#Max	QAM16	22.25	-4	-6.15	16.10	34.77	Pass
Band13	10	23230	25	#0	QAM16	20.65	-4	-6.15	14.50	34.77	Pass
Band13	10	23230	25	#Mid	QAM16	20.78	-4	-6.15	14.63	34.77	Pass
Band13	10	23230	25	#Max	QAM16	20.72	-4	-6.15	14.57	34.77	Pass
Band13	10	23230	50	#0	QAM16	20.65	-4	-6.15	14.50	34.77	Pass

2 Frequency stability

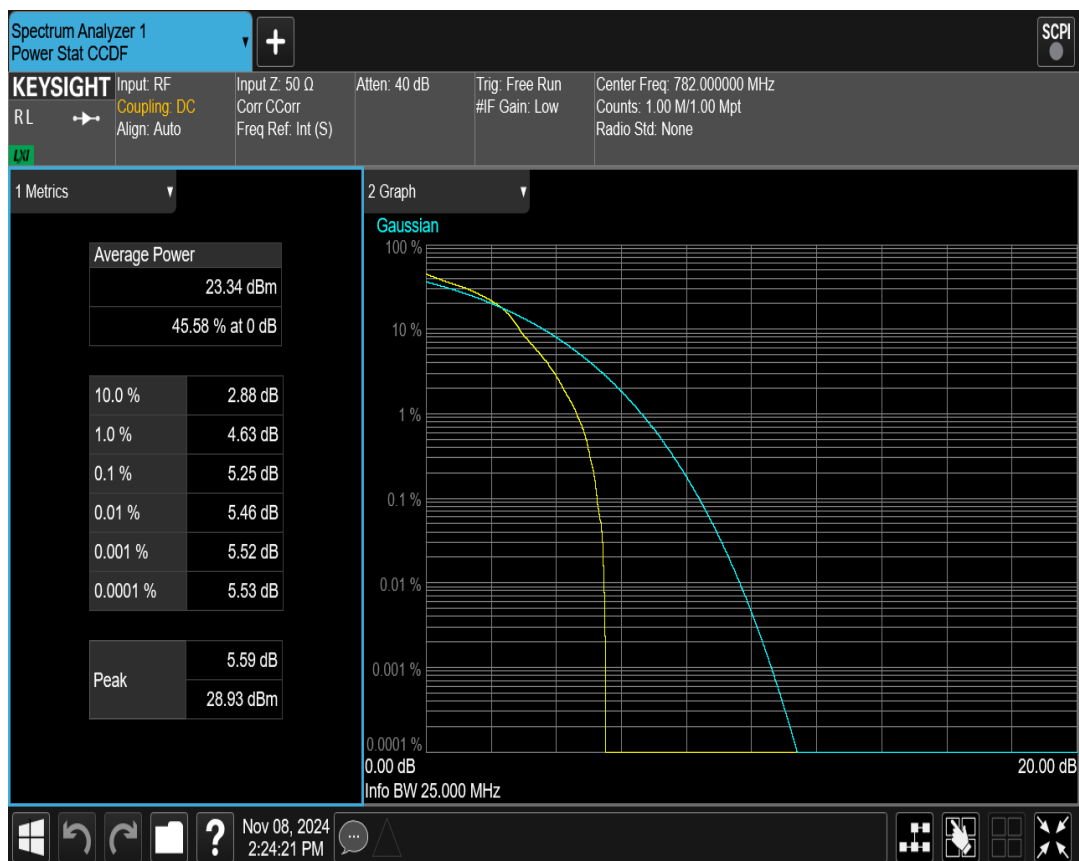
<i>Band</i>	<i>Bandwidth (MHz)</i>	<i>UL Channel</i>	<i>RB Size</i>	<i>RB Position</i>	<i>Modulation</i>	<i>Result(Hz)</i>	<i>Result (ppm)</i>	<i>Low Limit (ppm)</i>	<i>high Limit (ppm)</i>	<i>Verdict</i>
Band13	10	23230	50	#0	QPSK	-0.98	-0.001	-2.5	2.5	PASS
Band13	10	23230	50	#0	QAM16	-2.73	-0.003	-2.5	2.5	PASS

Note: (Voltage: 3.85V, Temperature: 25°C) only reflect the worst mode.

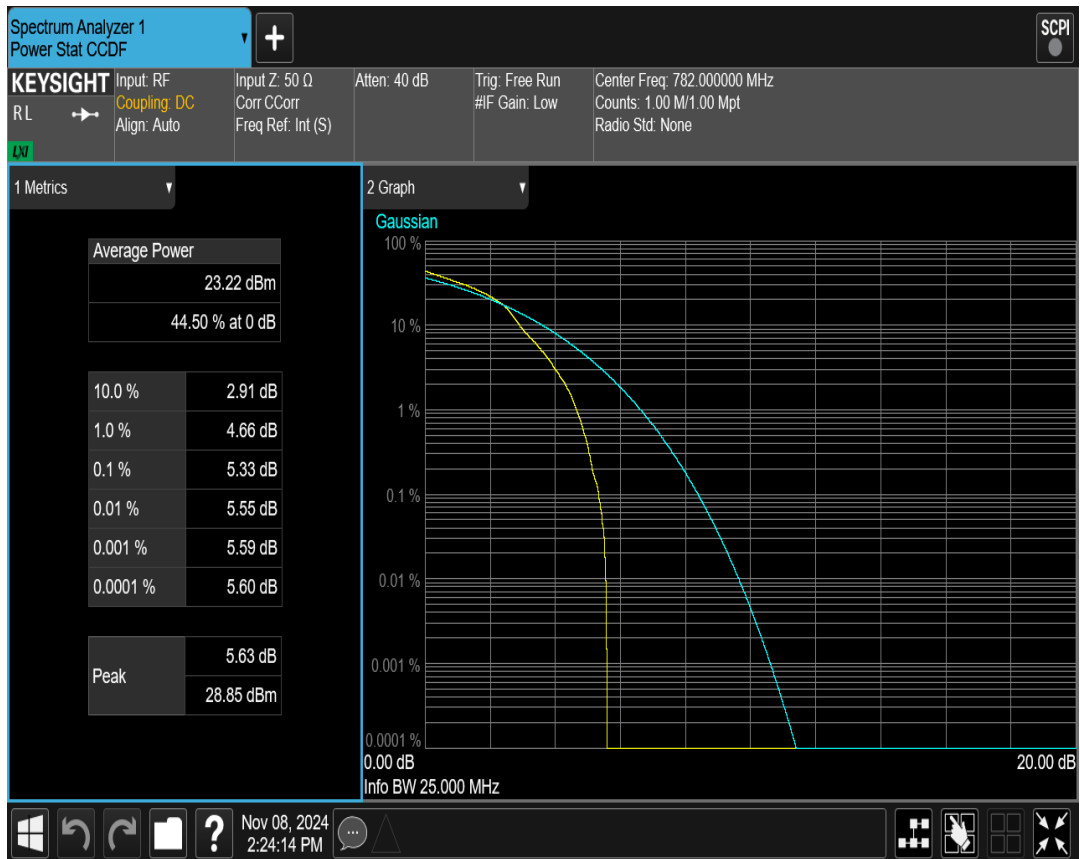
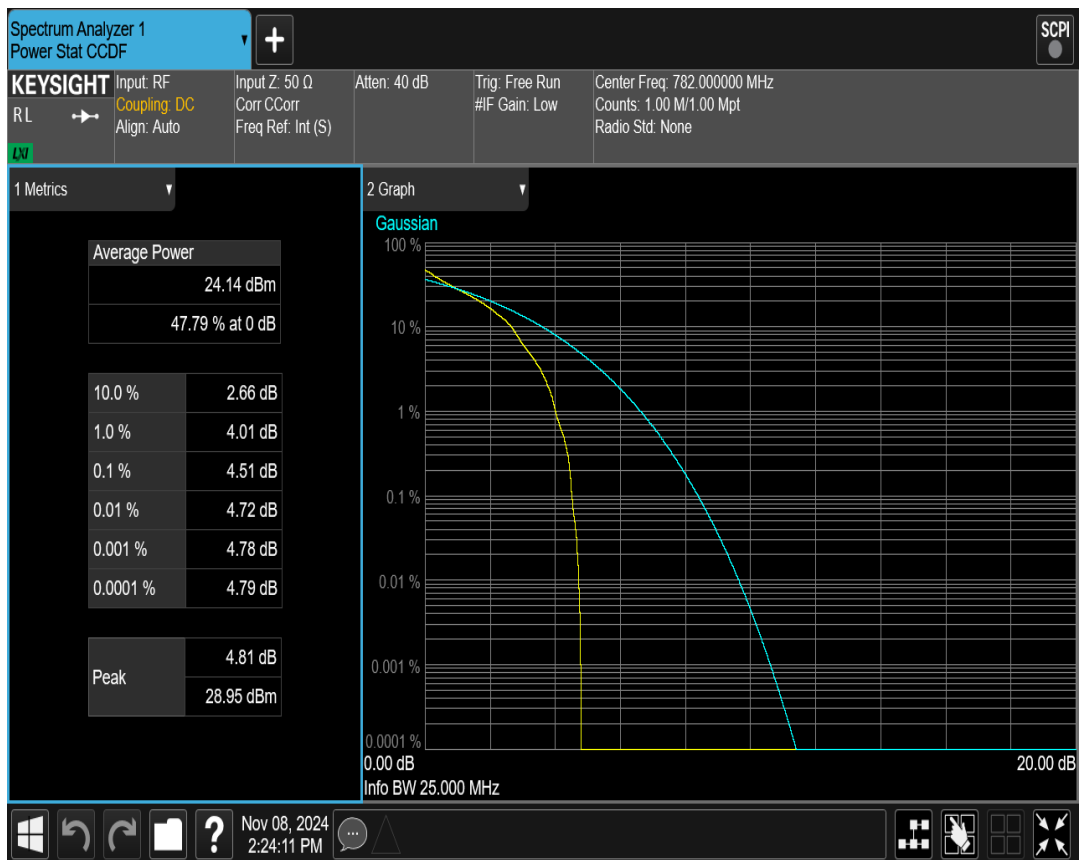
3 Peak-to-Average Ratio

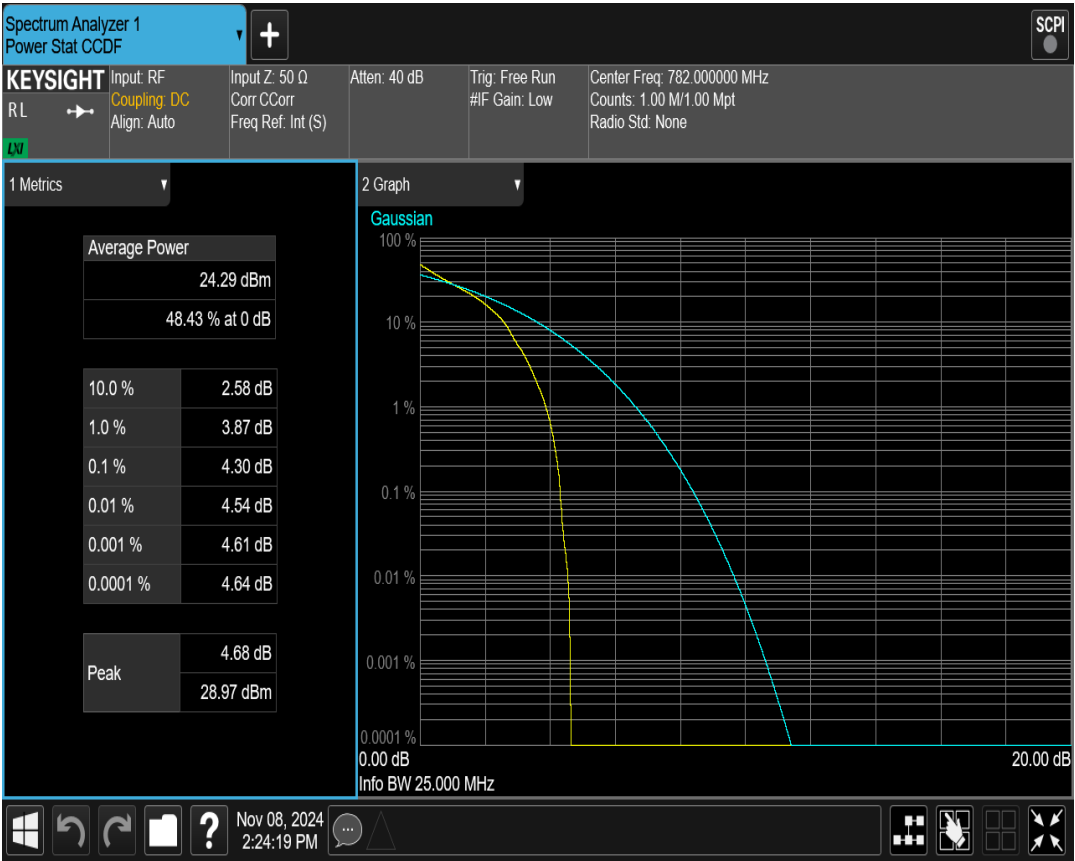
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band13	5	23230	1	#0	QPSK	4.51	13	PASS
Band13	5	23230	1	#0	QAM16	5.33	13	PASS
Band13	10	23230	1	#0	QPSK	4.30	13	PASS
Band13	10	23230	1	#0	QAM16	5.25	13	PASS

Band13 QAM16 BW=10MHz Channel=23230 RB Size=1 Position=#0



Band13 QAM16 BW=5MHz Channel=23230 RB Size=1 Position=#0

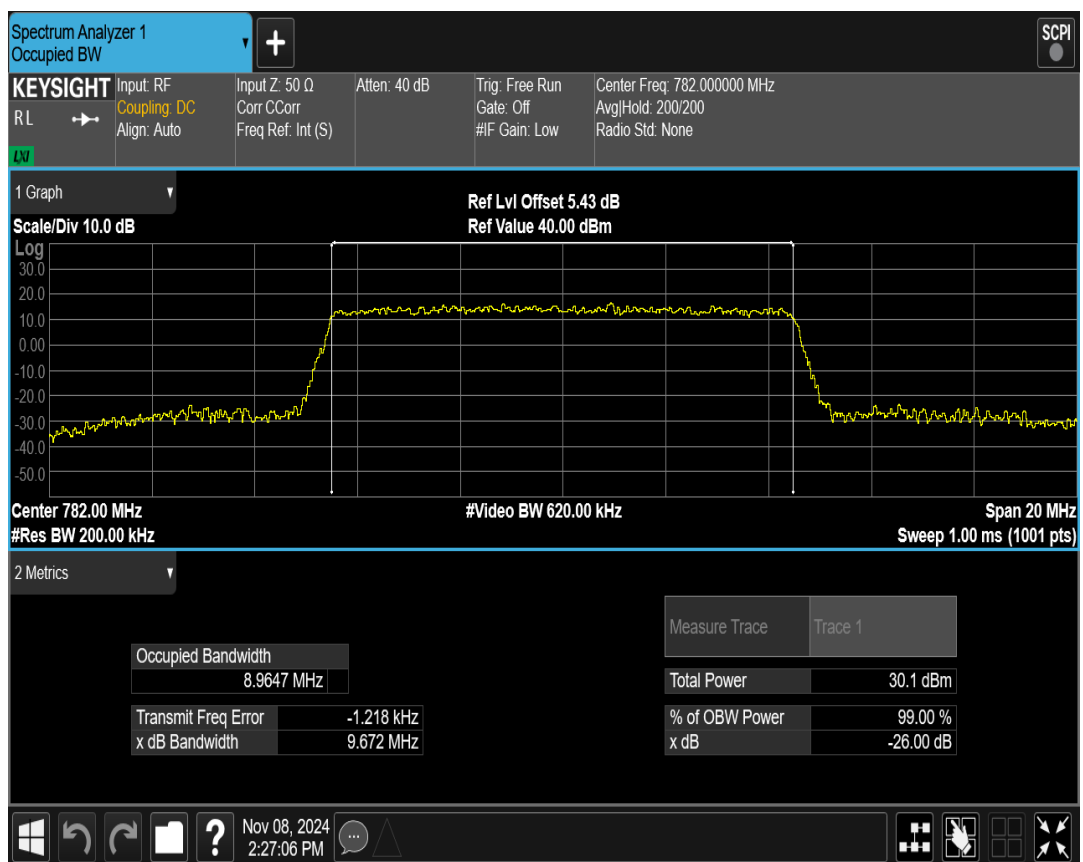
**Band13 QPSK BW=5MHz Channel=23230 RB Size=1 Position=#0****Band13 QPSK BW=10MHz Channel=23230 RB Size=1 Position=#0**



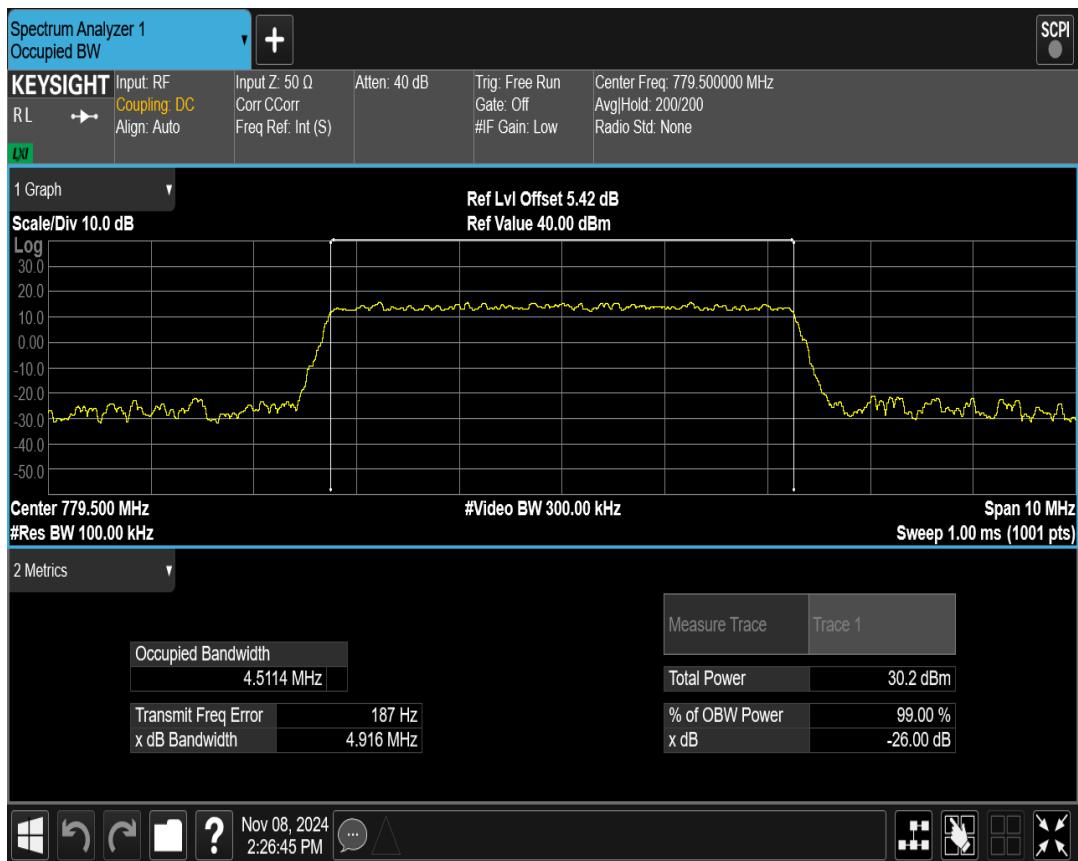
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band13	5	23205	25	#0	QPSK	4.516	4.873	PASS
Band13	5	23205	25	#0	QAM16	4.511	4.916	PASS
Band13	5	23230	25	#0	QPSK	4.503	4.916	PASS
Band13	5	23230	25	#0	QAM16	4.517	4.928	PASS
Band13	5	23255	25	#0	QPSK	4.512	4.861	PASS
Band13	5	23255	25	#0	QAM16	4.509	4.937	PASS
Band13	10	23230	50	#0	QPSK	8.964	9.703	PASS
Band13	10	23230	50	#0	QAM16	8.965	9.672	PASS

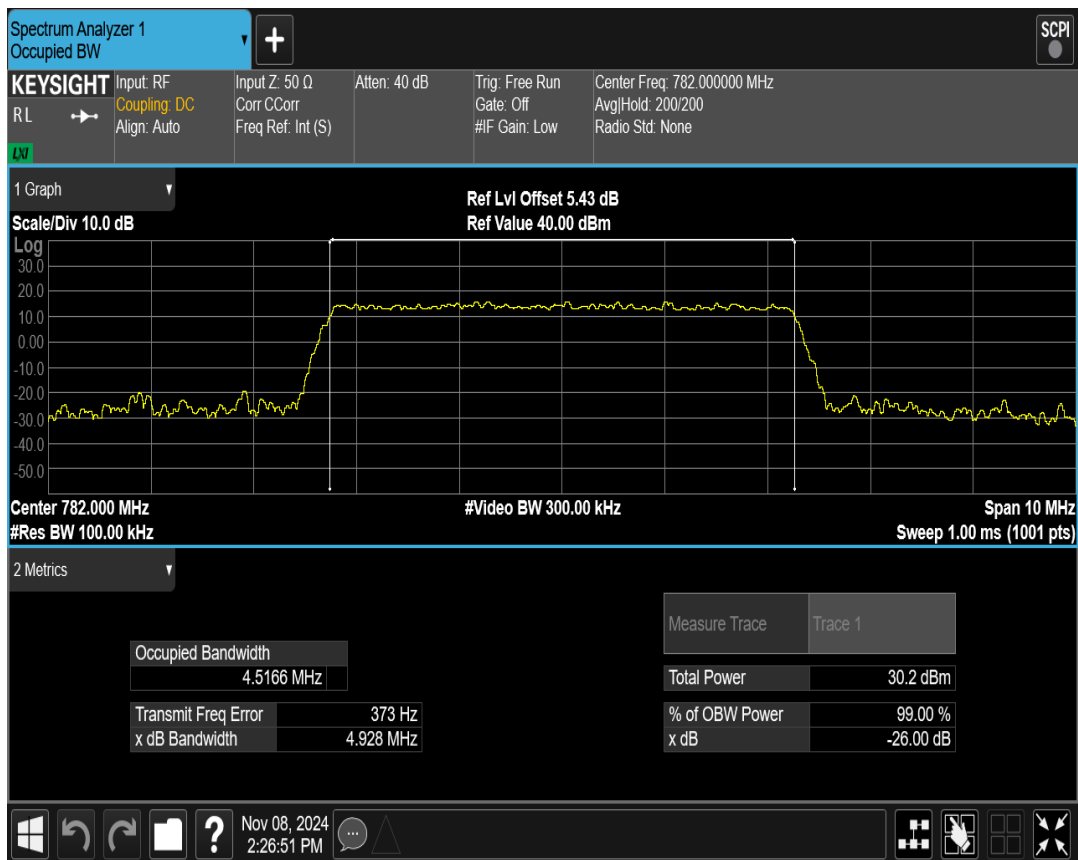
Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0



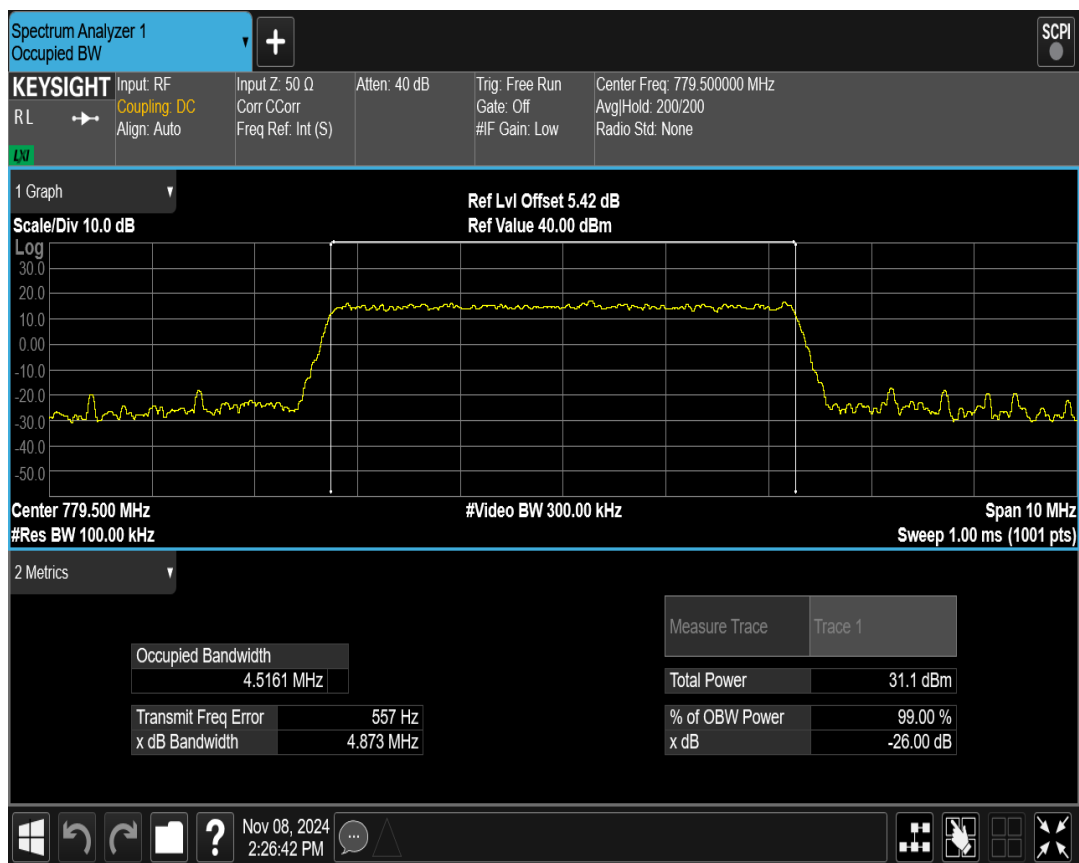
Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



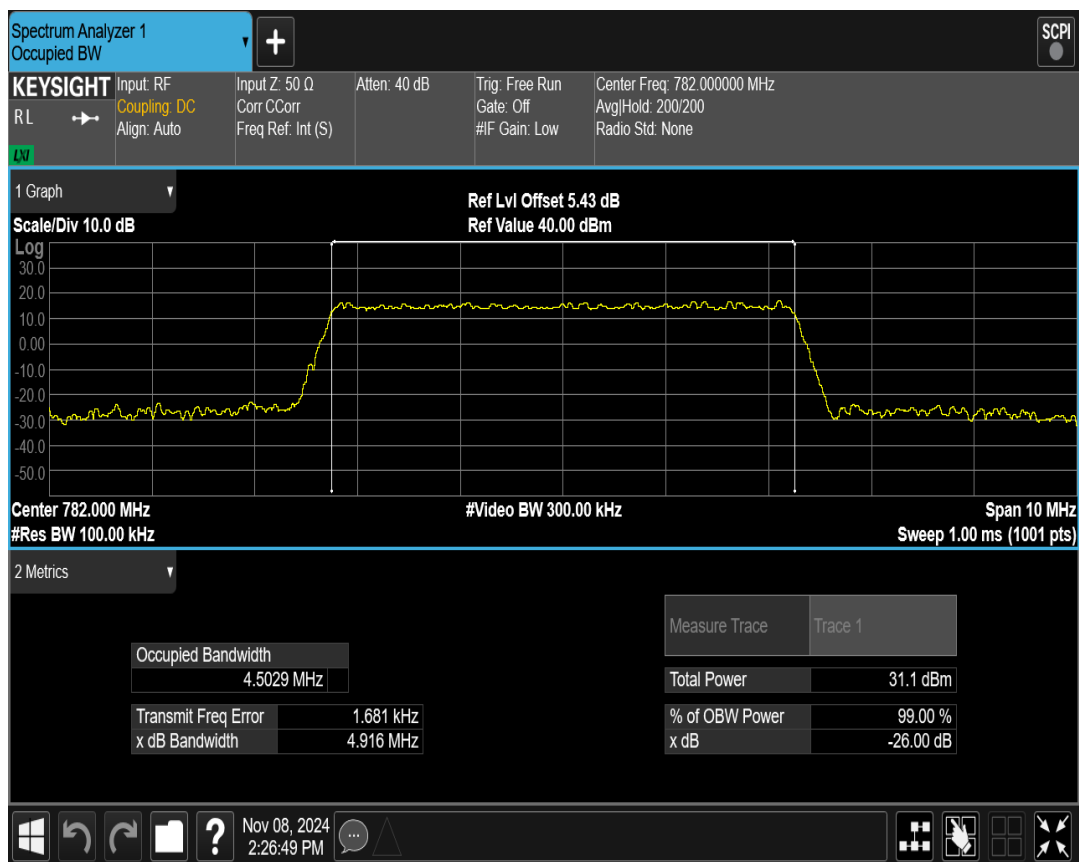
Band13 QAM16 BW=5MHz Channel=23230 RB Size=25 Position=#0



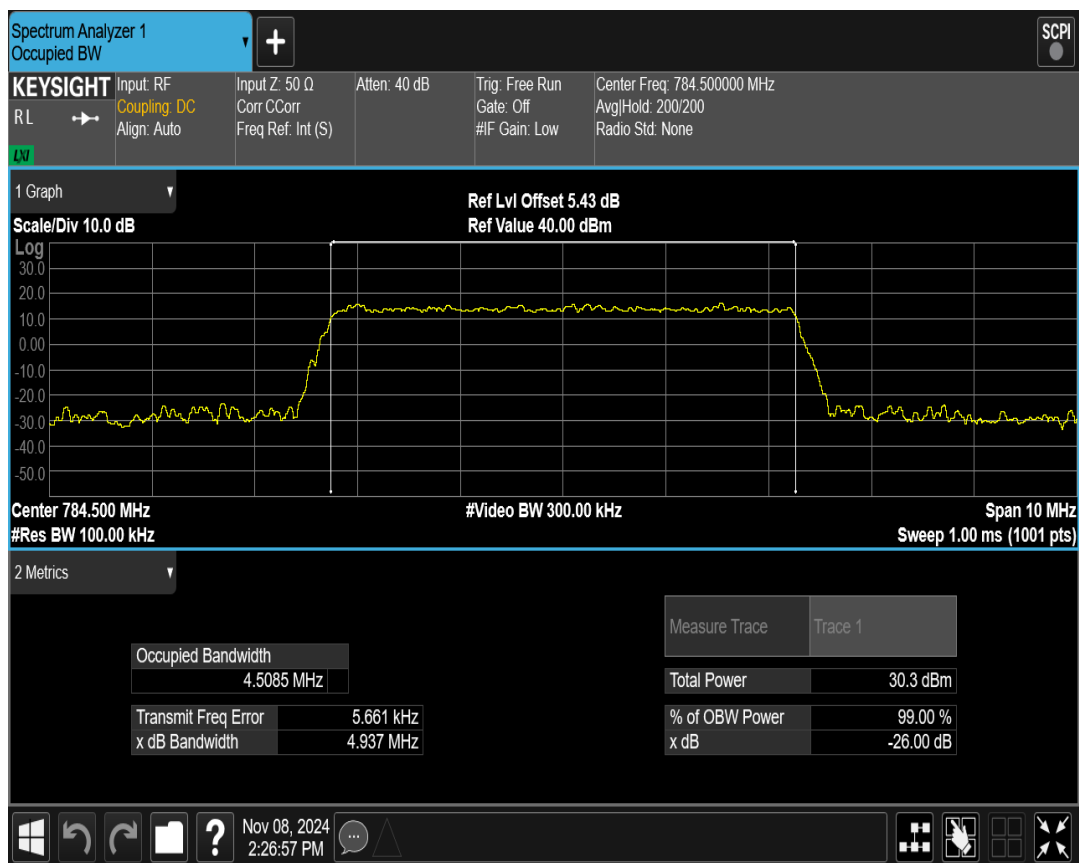
Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0



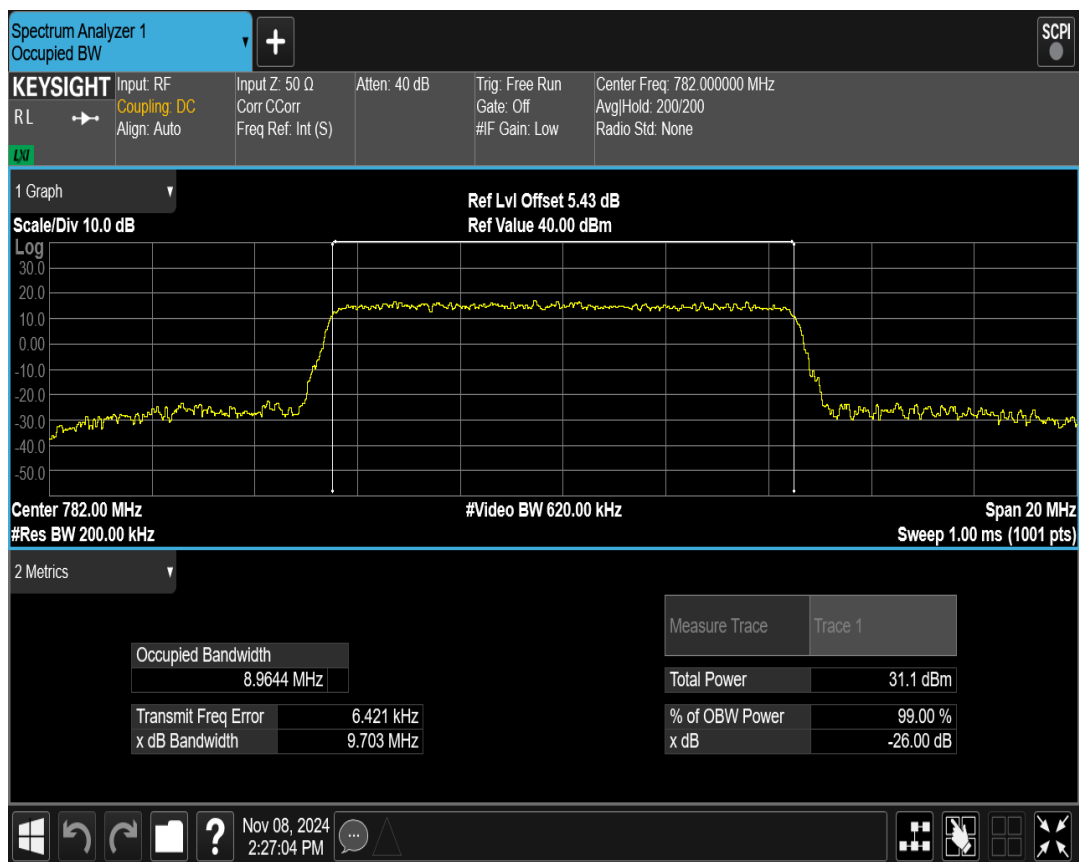
Band13 QPSK BW=5MHz Channel=23230 RB Size=25 Position=#0



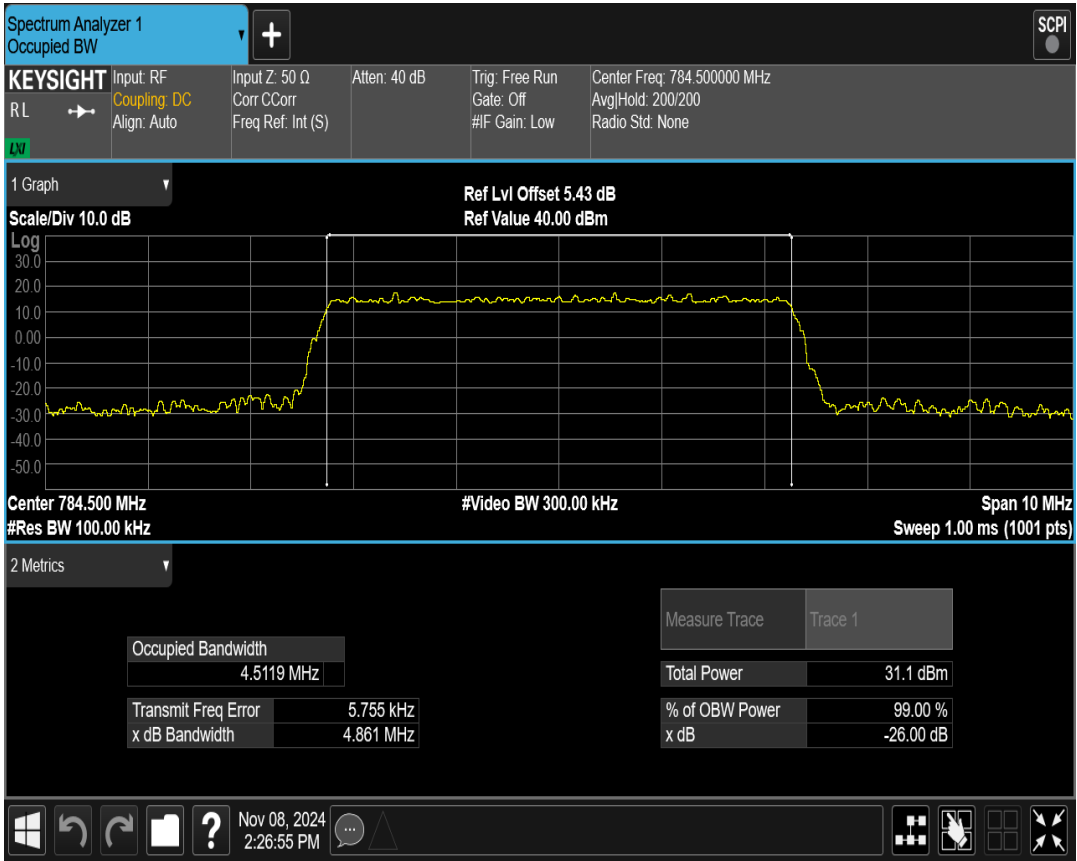
Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0



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



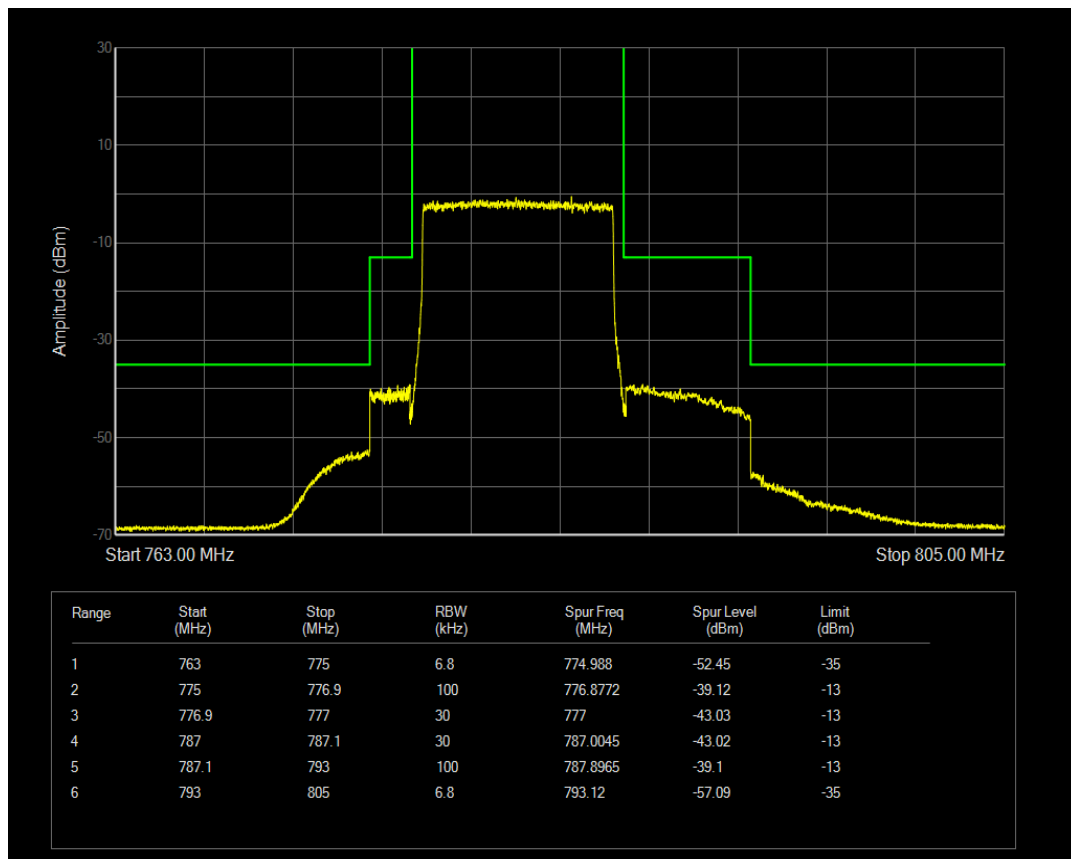
Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0



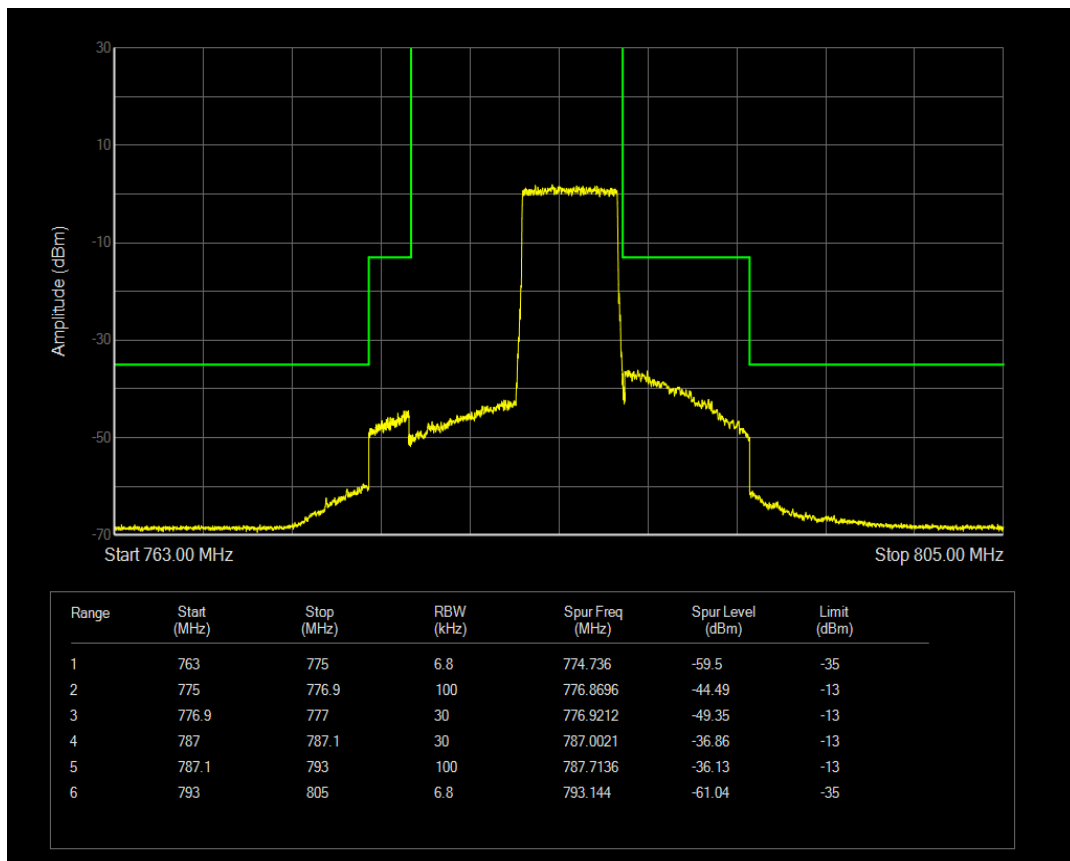
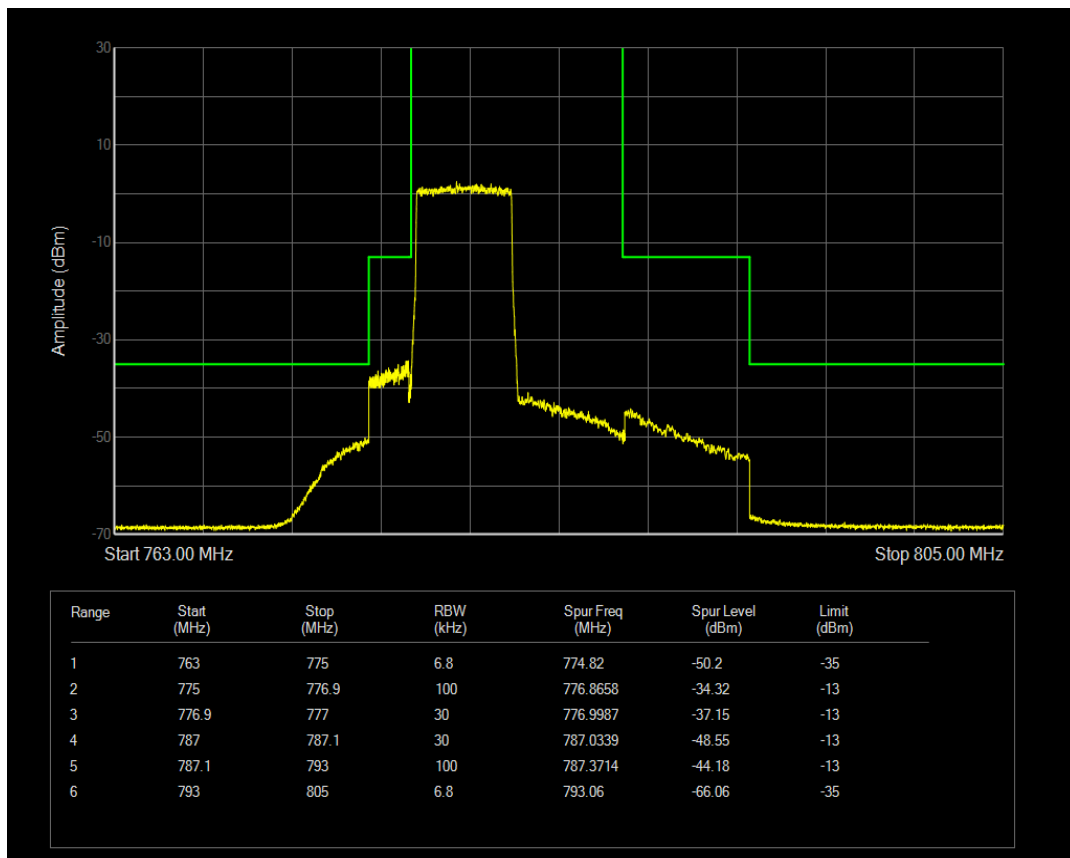
5 Band edge

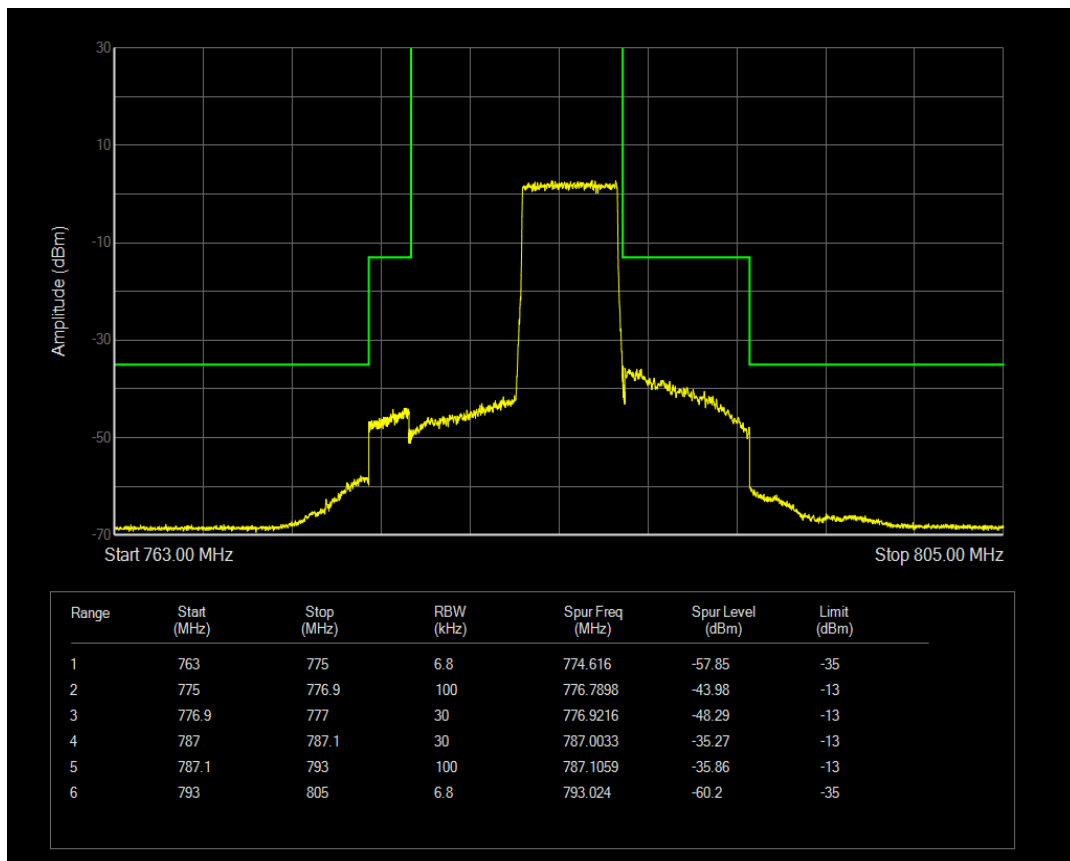
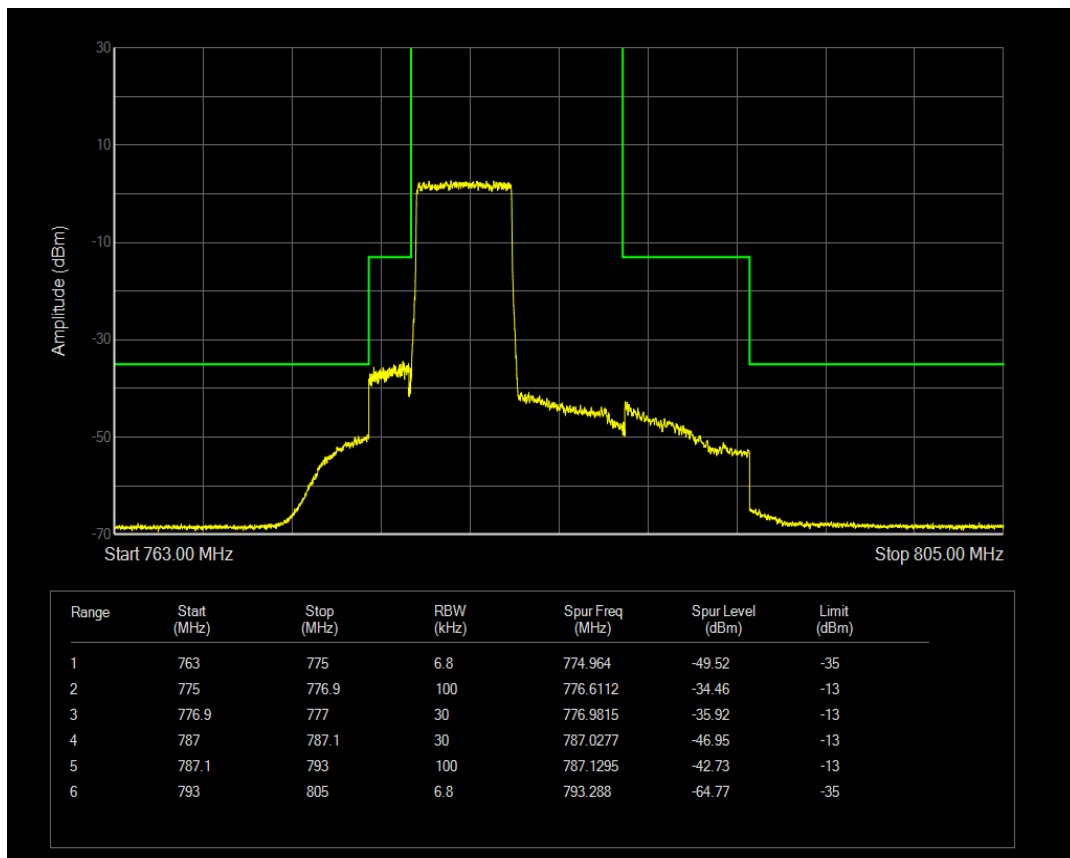
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	774.96	-49.52	-35	PASS
Band13	5	23205	25	#0	QAM16	774.82	-50.20	-35	PASS
Band13	5	23255	25	#0	QPSK	787.00	-35.27	-13	PASS
Band13	5	23255	25	#0	QAM16	787.71	-36.13	-13	PASS
Band13	10	23230	50	#0	QPSK	775.00	-51.82	-35	PASS
Band13	10	23230	50	#0	QAM16	774.99	-52.45	-35	PASS

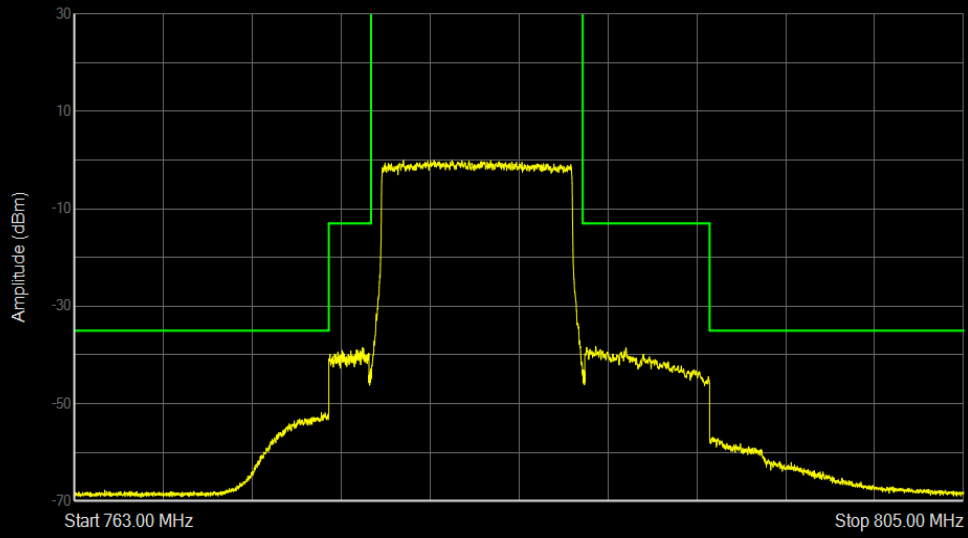
Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0



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

**Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0****Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0**

**Band13 QPSK BW=5MHz Channel=23205 RB Size=25 Position=#0****Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0**

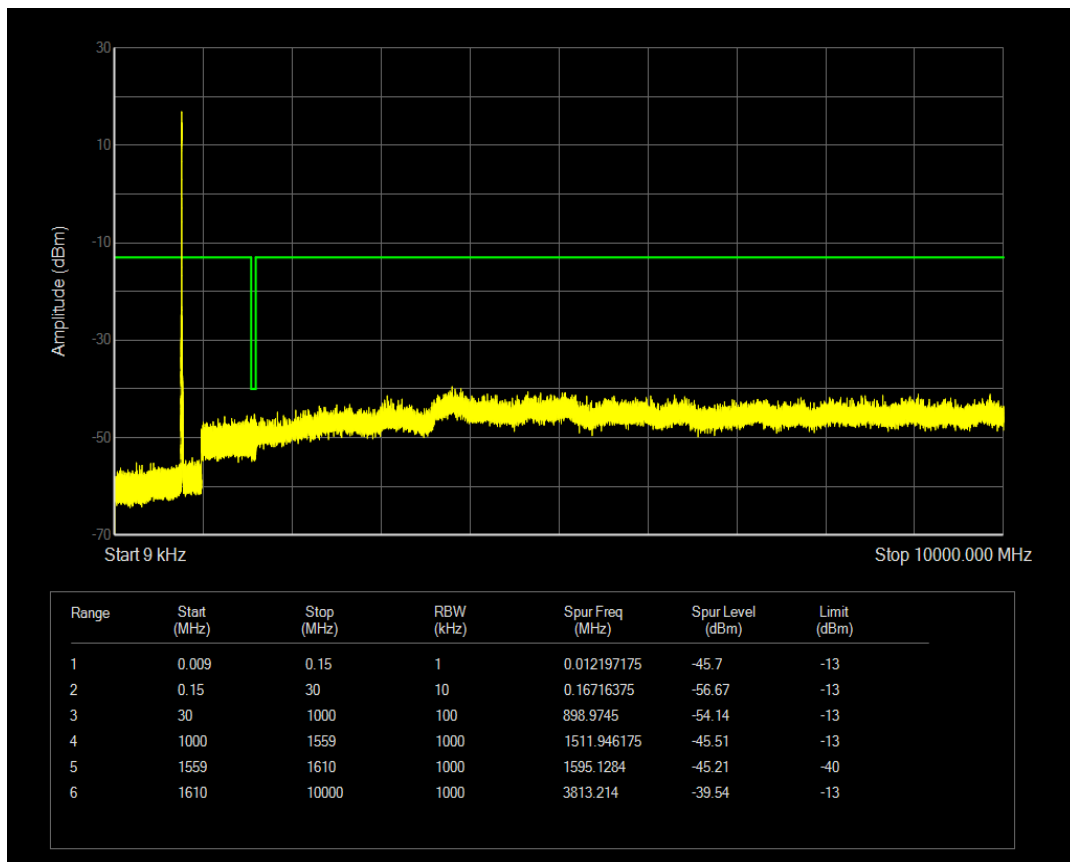


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	763	775	6.8	775	-51.82	-35
2	775	776.9	100	776.5884	-38.51	-13
3	776.9	777	30	776.9814	-42.91	-13
4	787	787.1	30	787.0543	-43.08	-13
5	787.1	793	100	787.6192	-38.23	-13
6	793	805	6.8	793.144	-56.91	-35

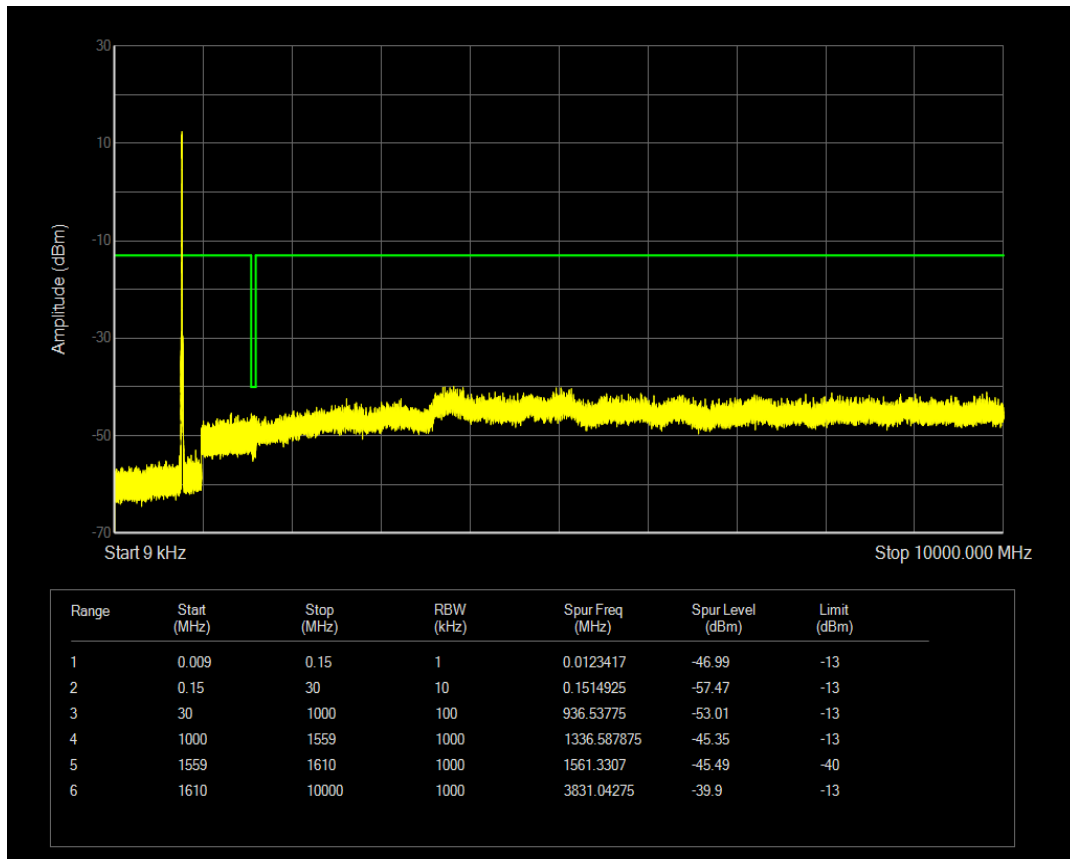
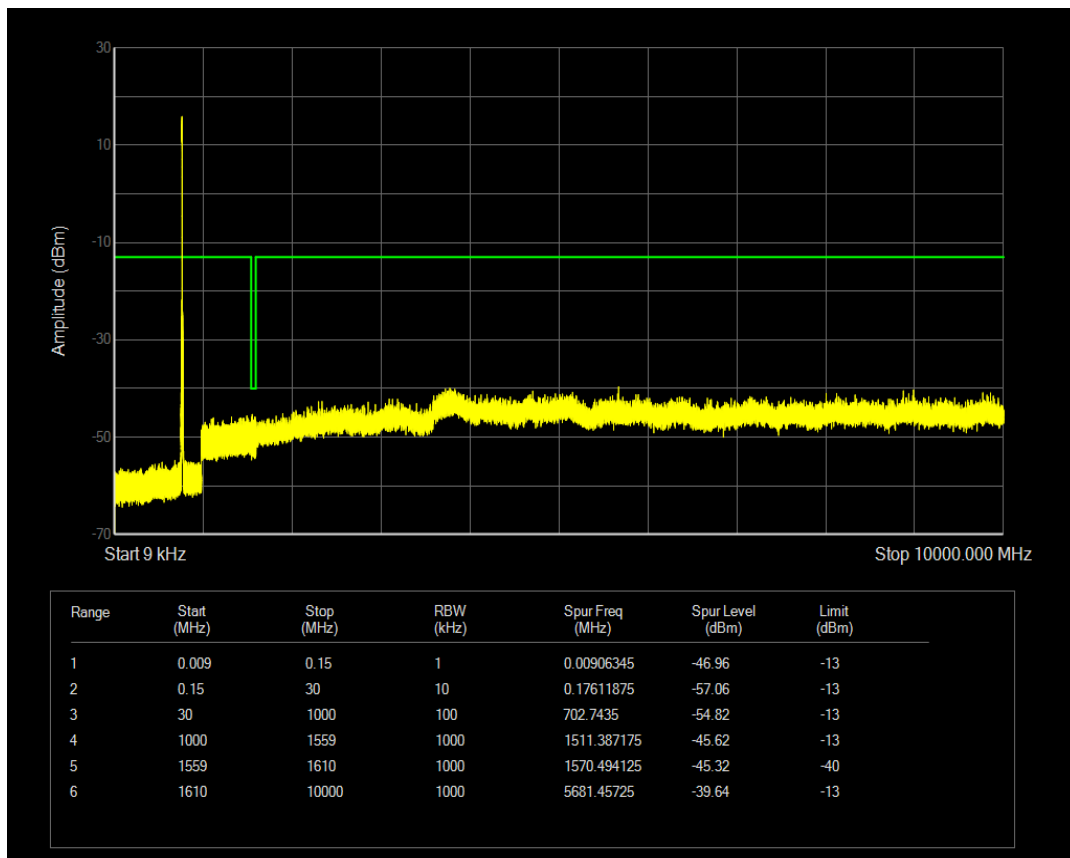
6 Out-of-band emissions

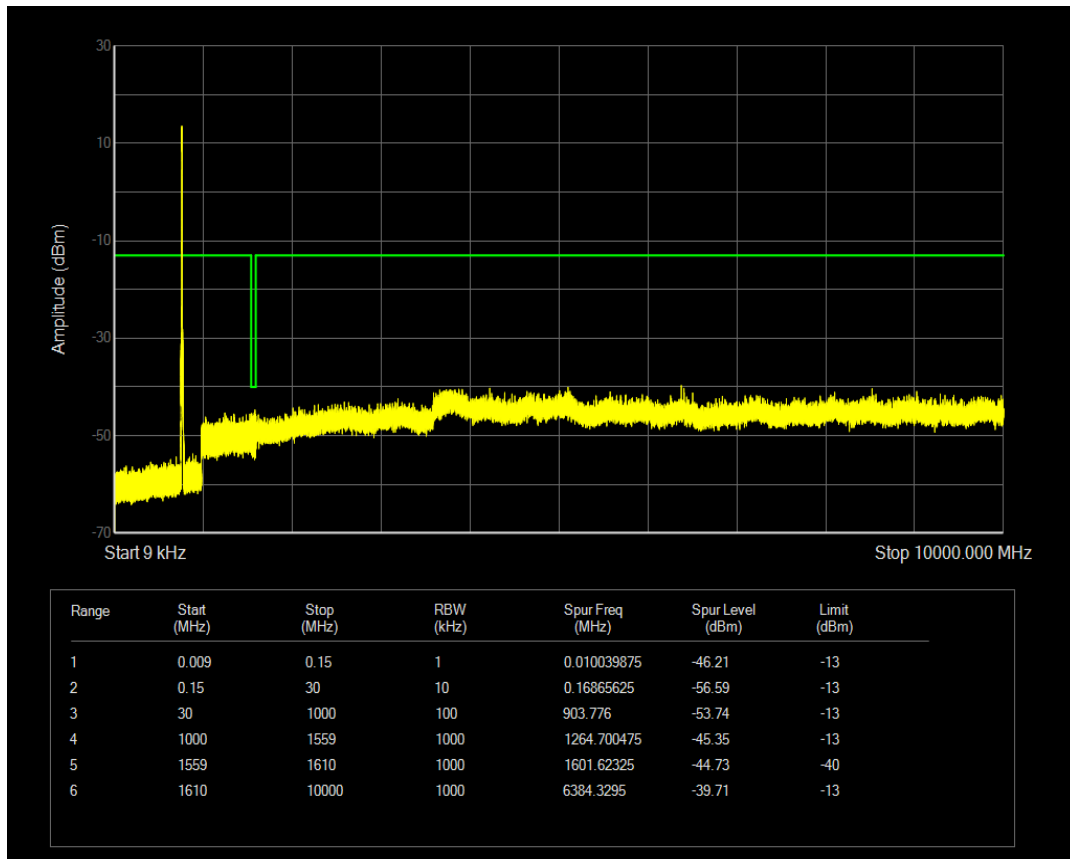
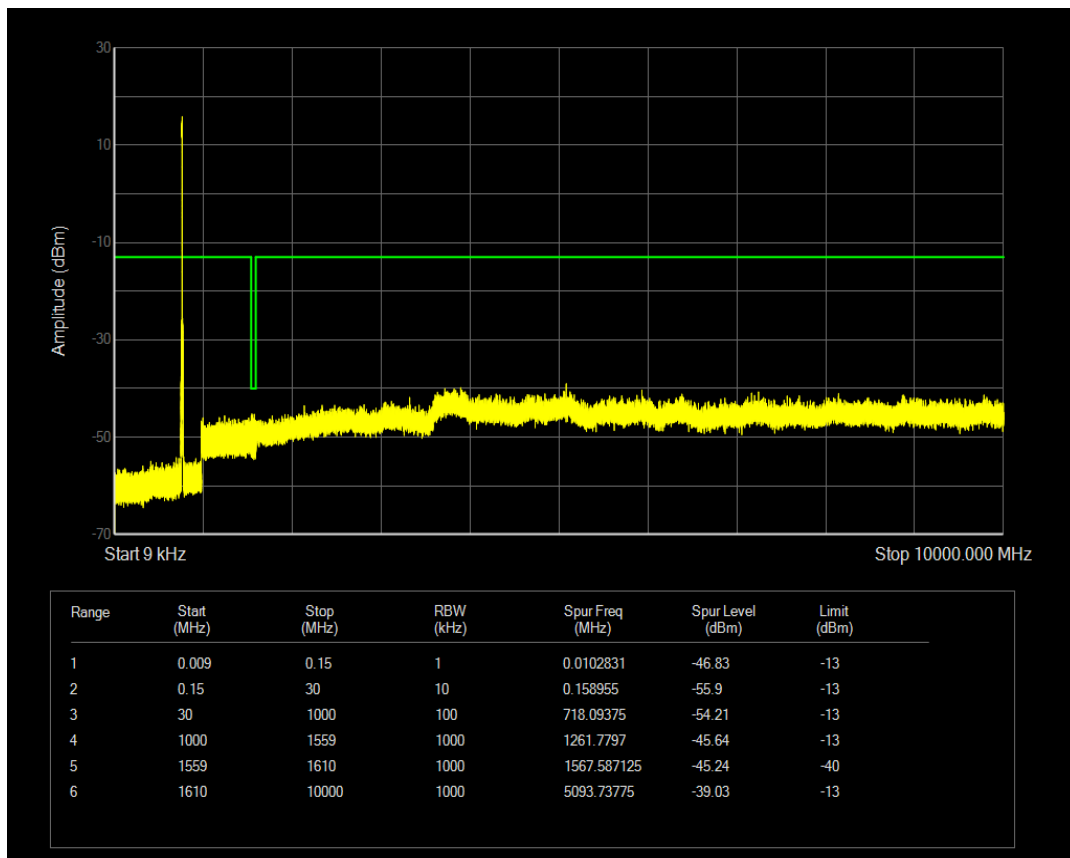
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band13	5	23205	25	#0	QPSK	1560.65	-44.41	-40	PASS
Band13	5	23205	25	#0	QAM16	1595.13	-45.21	-40	PASS
Band13	5	23255	25	#0	QPSK	1567.59	-45.24	-40	PASS
Band13	5	23255	25	#0	QAM16	1570.49	-45.32	-40	PASS
Band13	10	23230	50	#0	QPSK	1601.62	-44.73	-40	PASS
Band13	10	23230	50	#0	QAM16	1561.33	-45.49	-40	PASS

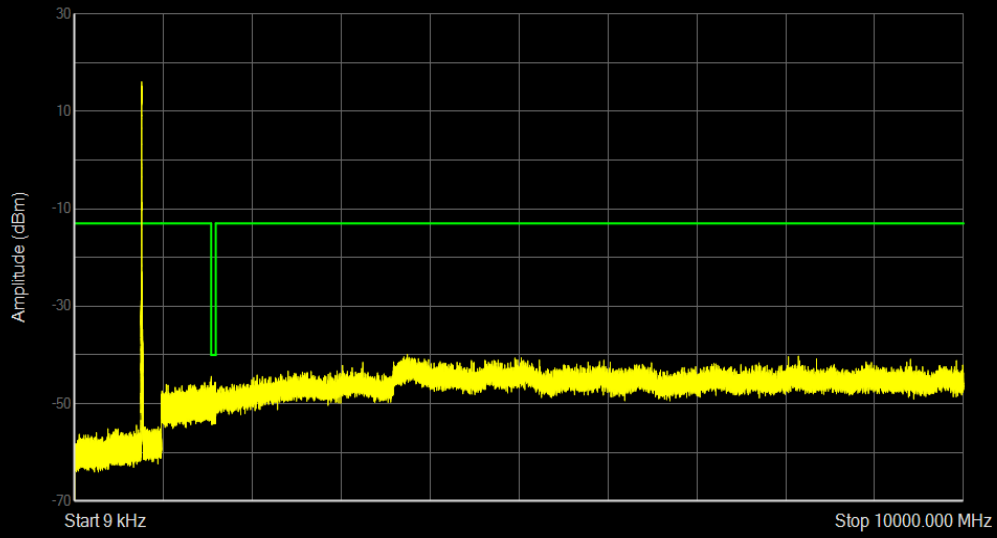
Band13 QAM16 BW=5MHz Channel=23205 RB Size=25 Position=#0



Band13 QAM16 BW=10MHz Channel=23230 RB Size=50 Position=#0

**Band13 QAM16 BW=5MHz Channel=23255 RB Size=25 Position=#0****Band13 QPSK BW=10MHz Channel=23230 RB Size=50 Position=#0**

**Band13 QPSK BW=5MHz Channel=23255 RB Size=25 Position=#0****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	0.009	0.15	1	0.009327825	-45.16	-13
2	0.15	30	10	0.15	-54.95	-13
3	30	1000	100	720.66425	-54.42	-13
4	1000	1559	1000	1547.582425	-45.53	-13
5	1559	1610	1000	1560.646025	-44.41	-40
6	1610	10000	1000	3760.357	-39.89	-13