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1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Antenna Gain (dBi)	EIRP (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QAM16	21.06	0.08	21.14	30.00	PASS
Band4	1.4	19957	1	#Mid	QAM16	21.09	0.08	21.17	30.00	PASS
Band4	1.4	19957	1	#Max	QAM16	21.06	0.08	21.14	30.00	PASS
Band4	1.4	19957	3	#0	QAM16	20.23	0.08	20.31	30.00	PASS
Band4	1.4	19957	3	#Mid	QAM16	20.23	0.08	20.31	30.00	PASS
Band4	1.4	19957	3	#Max	QAM16	20.21	0.08	20.29	30.00	PASS
Band4	1.4	19957	6	#0	QAM16	19.07	0.08	19.15	30.00	PASS
Band4	1.4	20175	1	#0	QAM16	20.99	0.08	21.07	30.00	PASS
Band4	1.4	20175	1	#Mid	QAM16	21.05	0.08	21.13	30.00	PASS
Band4	1.4	20175	1	#Max	QAM16	21.02	0.08	21.10	30.00	PASS
Band4	1.4	20175	3	#0	QAM16	20.22	0.08	20.30	30.00	PASS
Band4	1.4	20175	3	#Mid	QAM16	20.23	0.08	20.31	30.00	PASS
Band4	1.4	20175	3	#Max	QAM16	20.23	0.08	20.31	30.00	PASS
Band4	1.4	20175	6	#0	QAM16	19.15	0.08	19.23	30.00	PASS
Band4	1.4	20393	1	#0	QAM16	20.51	0.08	20.59	30.00	PASS
Band4	1.4	20393	1	#Mid	QAM16	20.51	0.08	20.59	30.00	PASS
Band4	1.4	20393	1	#Max	QAM16	20.53	0.08	20.61	30.00	PASS
Band4	1.4	20393	3	#0	QAM16	20.43	0.08	20.51	30.00	PASS
Band4	1.4	20393	3	#Mid	QAM16	20.36	0.08	20.44	30.00	PASS
Band4	1.4	20393	3	#Max	QAM16	20.33	0.08	20.41	30.00	PASS
Band4	1.4	20393	6	#0	QAM16	19.53	0.08	19.61	30.00	PASS
Band4	3	19965	1	#0	QAM16	20.39	0.08	20.47	30.00	PASS
Band4	3	19965	1	#Mid	QAM16	20.34	0.08	20.42	30.00	PASS
Band4	3	19965	1	#Max	QAM16	20.3	0.08	20.38	30.00	PASS
Band4	3	19965	8	#0	QAM16	19.1	0.08	19.18	30.00	PASS
Band4	3	19965	8	#Mid	QAM16	19.08	0.08	19.16	30.00	PASS
Band4	3	19965	8	#Max	QAM16	19.04	0.08	19.12	30.00	PASS
Band4	3	19965	15	#0	QAM16	19.19	0.08	19.27	30.00	PASS
Band4	3	20175	1	#0	QAM16	21.17	0.08	21.25	30.00	PASS
Band4	3	20175	1	#Mid	QAM16	21.14	0.08	21.22	30.00	PASS
Band4	3	20175	1	#Max	QAM16	21.15	0.08	21.23	30.00	PASS
Band4	3	20175	8	#0	QAM16	18.89	0.08	18.97	30.00	PASS
Band4	3	20175	8	#Mid	QAM16	18.87	0.08	18.95	30.00	PASS
Band4	3	20175	8	#Max	QAM16	18.86	0.08	18.94	30.00	PASS
Band4	3	20175	15	#0	QAM16	19.11	0.08	19.19	30.00	PASS
Band4	3	20385	1	#0	QAM16	20.55	0.08	20.63	30.00	PASS
Band4	3	20385	1	#Mid	QAM16	20.5	0.08	20.58	30.00	PASS
Band4	3	20385	1	#Max	QAM16	20.49	0.08	20.57	30.00	PASS

Band4	3	20385	8	#0	QAM16	19.45	0.08	19.53	30.00	PASS
Band4	3	20385	8	#Mid	QAM16	19.24	0.08	19.32	30.00	PASS
Band4	3	20385	8	#Max	QAM16	19.55	0.08	19.63	30.00	PASS
Band4	3	20385	15	#0	QAM16	19.24	0.08	19.32	30.00	PASS
Band4	5	19975	1	#0	QAM16	20.27	0.08	20.35	30.00	PASS
Band4	5	19975	1	#Mid	QAM16	20.17	0.08	20.25	30.00	PASS
Band4	5	19975	1	#Max	QAM16	20.13	0.08	20.21	30.00	PASS
Band4	5	19975	12	#0	QAM16	18.99	0.08	19.07	30.00	PASS
Band4	5	19975	12	#Mid	QAM16	18.94	0.08	19.02	30.00	PASS
Band4	5	19975	12	#Max	QAM16	18.88	0.08	18.96	30.00	PASS
Band4	5	19975	25	#0	QAM16	19.07	0.08	19.15	30.00	PASS
Band4	5	20175	1	#0	QAM16	19.89	0.08	19.97	30.00	PASS
Band4	5	20175	1	#Mid	QAM16	19.91	0.08	19.99	30.00	PASS
Band4	5	20175	1	#Max	QAM16	19.92	0.08	20.00	30.00	PASS
Band4	5	20175	12	#0	QAM16	18.96	0.08	19.04	30.00	PASS
Band4	5	20175	12	#Mid	QAM16	18.98	0.08	19.06	30.00	PASS
Band4	5	20175	12	#Max	QAM16	18.91	0.08	18.99	30.00	PASS
Band4	5	20175	25	#0	QAM16	18.93	0.08	19.01	30.00	PASS
Band4	5	20375	1	#0	QAM16	19.65	0.08	19.73	30.00	PASS
Band4	5	20375	1	#Mid	QAM16	19.67	0.08	19.75	30.00	PASS
Band4	5	20375	1	#Max	QAM16	19.65	0.08	19.73	30.00	PASS
Band4	5	20375	12	#0	QAM16	18.86	0.08	18.94	30.00	PASS
Band4	5	20375	12	#Mid	QAM16	18.85	0.08	18.93	30.00	PASS
Band4	5	20375	12	#Max	QAM16	18.93	0.08	19.01	30.00	PASS
Band4	5	20375	25	#0	QAM16	16.5	0.08	16.58	30.00	PASS
Band4	10	20000	1	#0	QAM16	21.29	0.08	21.37	30.00	PASS
Band4	10	20000	1	#Mid	QAM16	21.14	0.08	21.22	30.00	PASS
Band4	10	20000	1	#Max	QAM16	21.12	0.08	21.20	30.00	PASS
Band4	10	20000	25	#0	QAM16	18.98	0.08	19.06	30.00	PASS
Band4	10	20000	25	#Mid	QAM16	18.89	0.08	18.97	30.00	PASS
Band4	10	20000	25	#Max	QAM16	18.93	0.08	19.01	30.00	PASS
Band4	10	20000	50	#0	QAM16	18.98	0.08	19.06	30.00	PASS
Band4	10	20175	1	#0	QAM16	20	0.08	20.08	30.00	PASS
Band4	10	20175	1	#Mid	QAM16	20	0.08	20.08	30.00	PASS
Band4	10	20175	1	#Max	QAM16	20.02	0.08	20.10	30.00	PASS
Band4	10	20175	25	#0	QAM16	19.12	0.08	19.20	30.00	PASS
Band4	10	20175	25	#Mid	QAM16	19.02	0.08	19.10	30.00	PASS
Band4	10	20175	25	#Max	QAM16	19.08	0.08	19.16	30.00	PASS
Band4	10	20175	50	#0	QAM16	19.11	0.08	19.19	30.00	PASS
Band4	10	20350	1	#0	QAM16	20.16	0.08	20.24	30.00	PASS
Band4	10	20350	1	#Mid	QAM16	20.12	0.08	20.20	30.00	PASS
Band4	10	20350	1	#Max	QAM16	20.09	0.08	20.17	30.00	PASS
Band4	10	20350	25	#0	QAM16	19.1	0.08	19.18	30.00	PASS
Band4	10	20350	25	#Mid	QAM16	19.1	0.08	19.18	30.00	PASS

Band4	10	20350	25	#Max	QAM16	19.03	0.08	19.11	30.00	PASS
Band4	10	20350	50	#0	QAM16	19.01	0.08	19.09	30.00	PASS
Band4	15	20025	1	#0	QAM16	21.34	0.08	21.42	30.00	PASS
Band4	15	20025	1	#Mid	QAM16	21.11	0.08	21.19	30.00	PASS
Band4	15	20025	1	#Max	QAM16	21.11	0.08	21.19	30.00	PASS
Band4	15	20025	36	#0	QAM16	19.04	0.08	19.12	30.00	PASS
Band4	15	20025	36	#Mid	QAM16	18.98	0.08	19.06	30.00	PASS
Band4	15	20025	36	#Max	QAM16	18.97	0.08	19.05	30.00	PASS
Band4	15	20025	75	#0	QAM16	19.04	0.08	19.12	30.00	PASS
Band4	15	20175	1	#0	QAM16	20.05	0.08	20.13	30.00	PASS
Band4	15	20175	1	#Mid	QAM16	20.01	0.08	20.09	30.00	PASS
Band4	15	20175	1	#Max	QAM16	19.95	0.08	20.03	30.00	PASS
Band4	15	20175	36	#0	QAM16	19.2	0.08	19.28	30.00	PASS
Band4	15	20175	36	#Mid	QAM16	19.12	0.08	19.20	30.00	PASS
Band4	15	20175	36	#Max	QAM16	19.16	0.08	19.24	30.00	PASS
Band4	15	20175	75	#0	QAM16	18.97	0.08	19.05	30.00	PASS
Band4	15	20325	1	#0	QAM16	19.92	0.08	20.00	30.00	PASS
Band4	15	20325	1	#Mid	QAM16	19.99	0.08	20.07	30.00	PASS
Band4	15	20325	1	#Max	QAM16	19.86	0.08	19.94	30.00	PASS
Band4	15	20325	36	#0	QAM16	19.19	0.08	19.27	30.00	PASS
Band4	15	20325	36	#Mid	QAM16	19.26	0.08	19.34	30.00	PASS
Band4	15	20325	36	#Max	QAM16	19.19	0.08	19.27	30.00	PASS
Band4	15	20325	75	#0	QAM16	19.06	0.08	19.14	30.00	PASS
Band4	20	20050	1	#0	QAM16	19.75	0.08	19.83	30.00	PASS
Band4	20	20050	1	#Mid	QAM16	19.55	0.08	19.63	30.00	PASS
Band4	20	20050	1	#Max	QAM16	19.51	0.08	19.59	30.00	PASS
Band4	20	20050	50	#0	QAM16	19.09	0.08	19.17	30.00	PASS
Band4	20	20050	50	#Mid	QAM16	19.07	0.08	19.15	30.00	PASS
Band4	20	20050	50	#Max	QAM16	19.07	0.08	19.15	30.00	PASS
Band4	20	20050	100	#0	QAM16	19.07	0.08	19.15	30.00	PASS
Band4	20	20175	1	#0	QAM16	20.02	0.08	20.10	30.00	PASS
Band4	20	20175	1	#Mid	QAM16	20.07	0.08	20.15	30.00	PASS
Band4	20	20175	1	#Max	QAM16	20.02	0.08	20.10	30.00	PASS
Band4	20	20175	50	#0	QAM16	19.06	0.08	19.14	30.00	PASS
Band4	20	20175	50	#Mid	QAM16	18.96	0.08	19.04	30.00	PASS
Band4	20	20175	50	#Max	QAM16	19.01	0.08	19.09	30.00	PASS
Band4	20	20175	100	#0	QAM16	18.97	0.08	19.05	30.00	PASS
Band4	20	20300	1	#0	QAM16	20.22	0.08	20.30	30.00	PASS
Band4	20	20300	1	#Mid	QAM16	20.2	0.08	20.28	30.00	PASS
Band4	20	20300	1	#Max	QAM16	20.12	0.08	20.20	30.00	PASS
Band4	20	20300	50	#0	QAM16	19.12	0.08	19.20	30.00	PASS
Band4	20	20300	50	#Mid	QAM16	19.17	0.08	19.25	30.00	PASS
Band4	20	20300	50	#Max	QAM16	19.08	0.08	19.16	30.00	PASS
Band4	20	20300	100	#0	QAM16	19.08	0.08	19.16	30.00	PASS

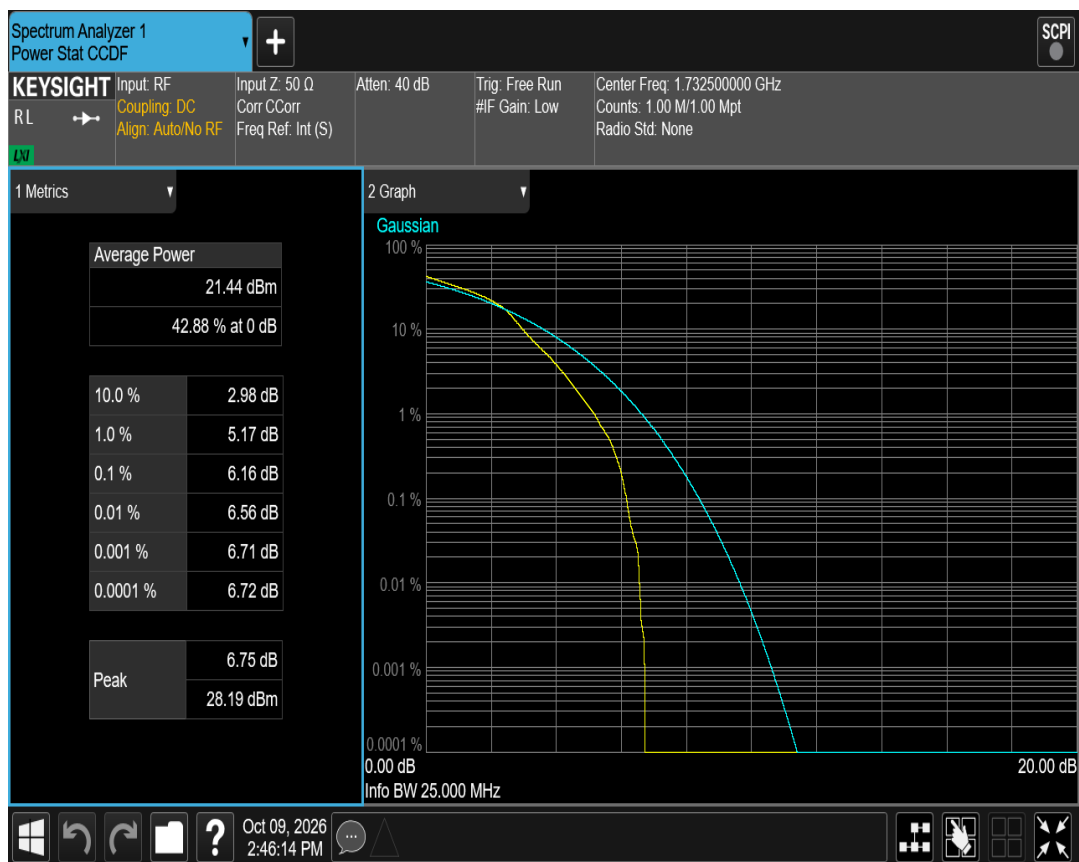
2 Frequency stability

<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>
Band4	20	20050	100	#0	QAM16	6.03	0.00351	-2.5	2.5	PASS
Band4	20	20175	100	#0	QAM16	-1.47	-0.00085	-2.5	2.5	PASS
Band4	20	20300	100	#0	QAM16	-28.98	-0.01661	-2.5	2.5	PASS

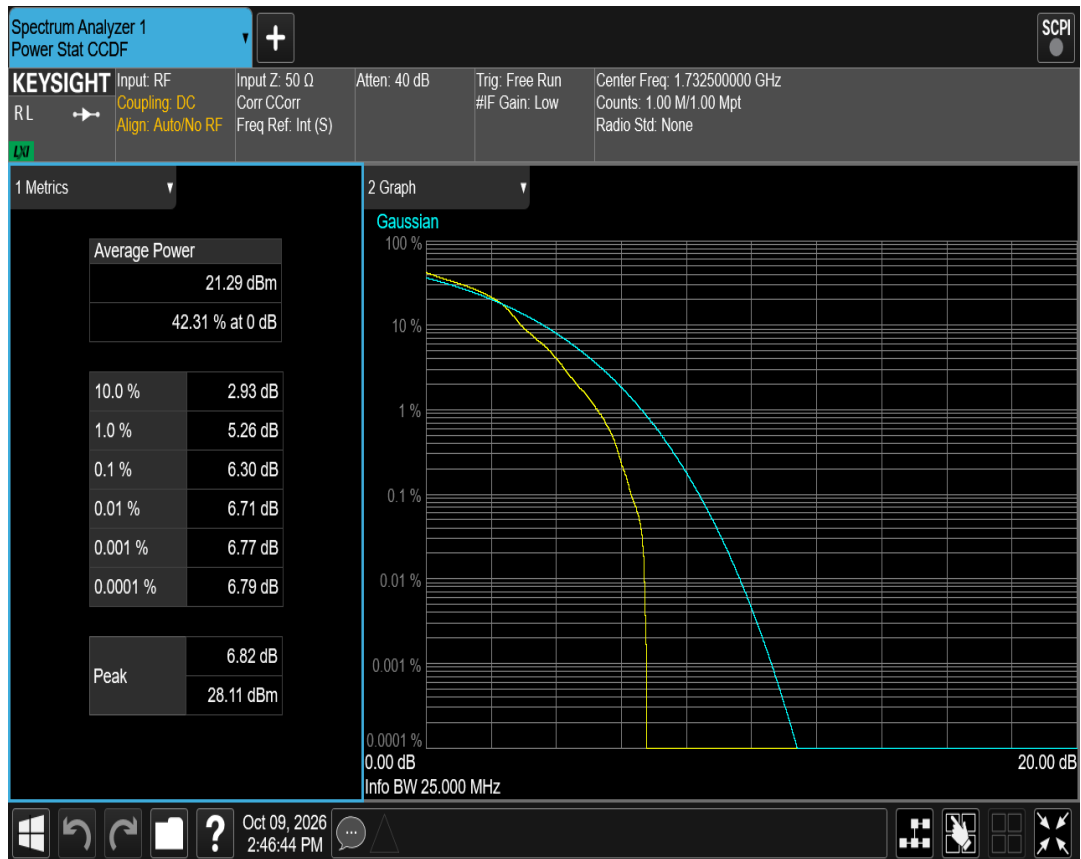
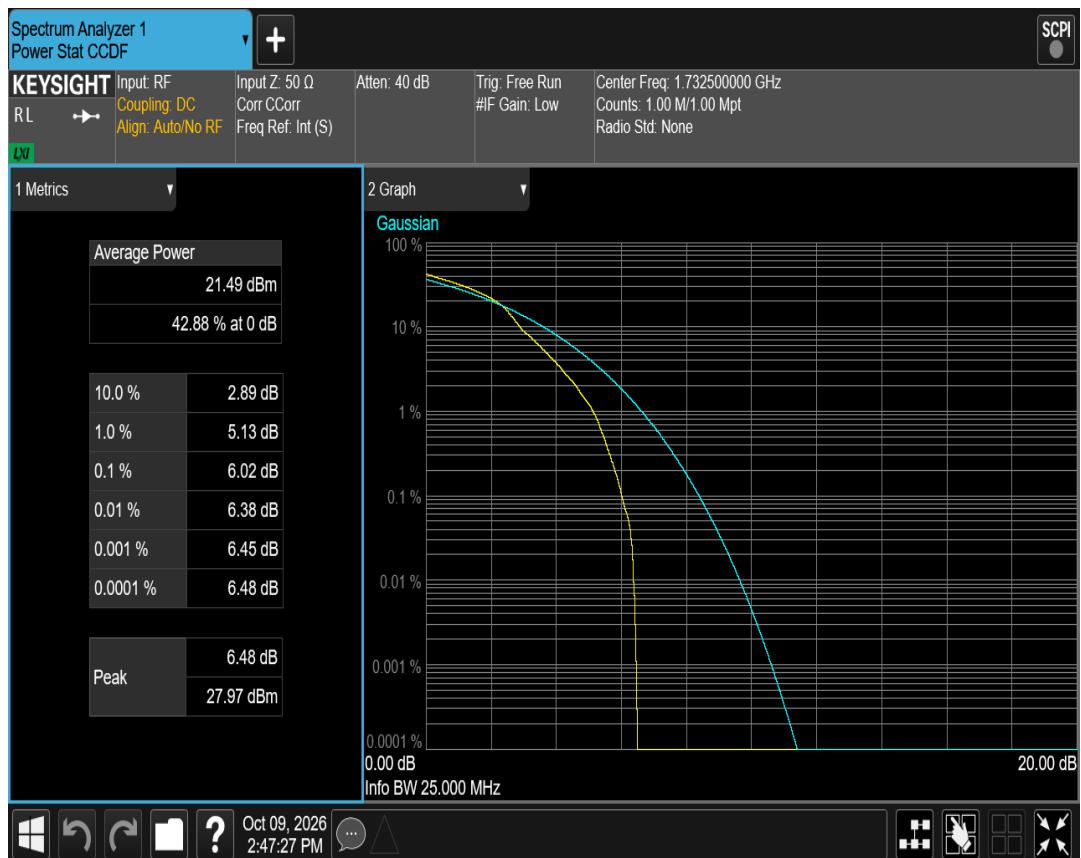
3 Peak-to-Average Ratio

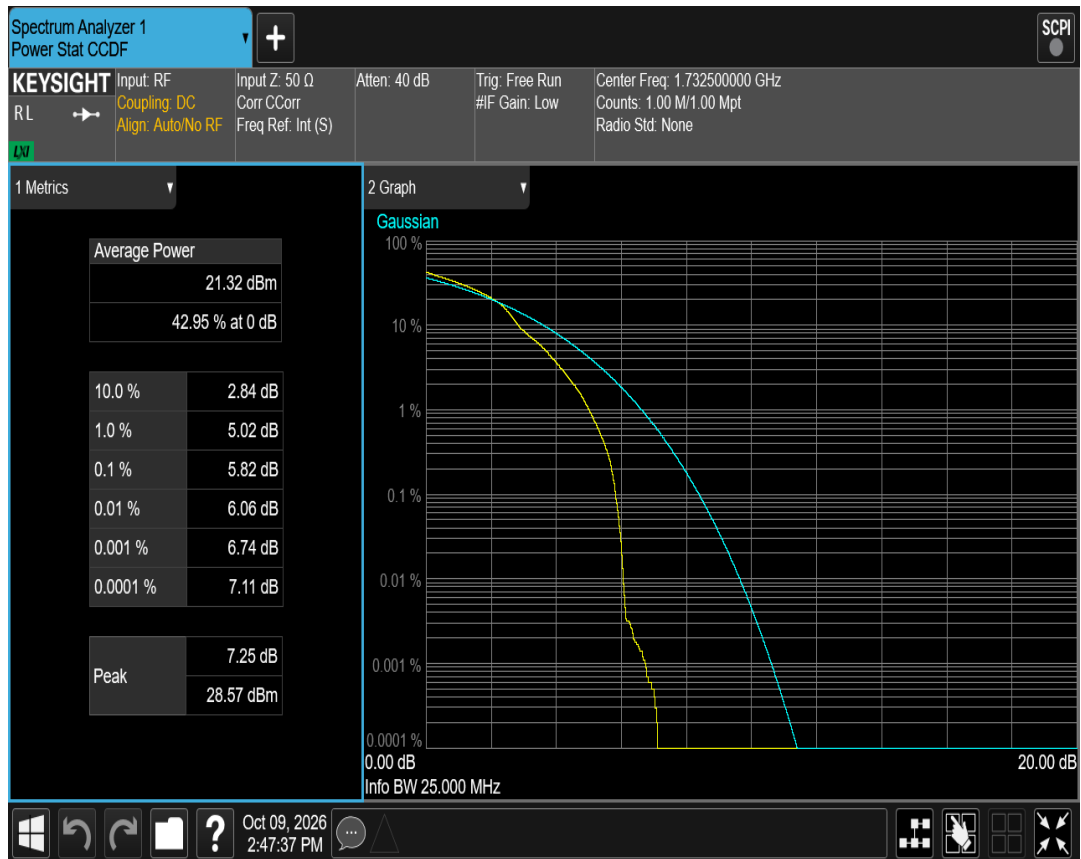
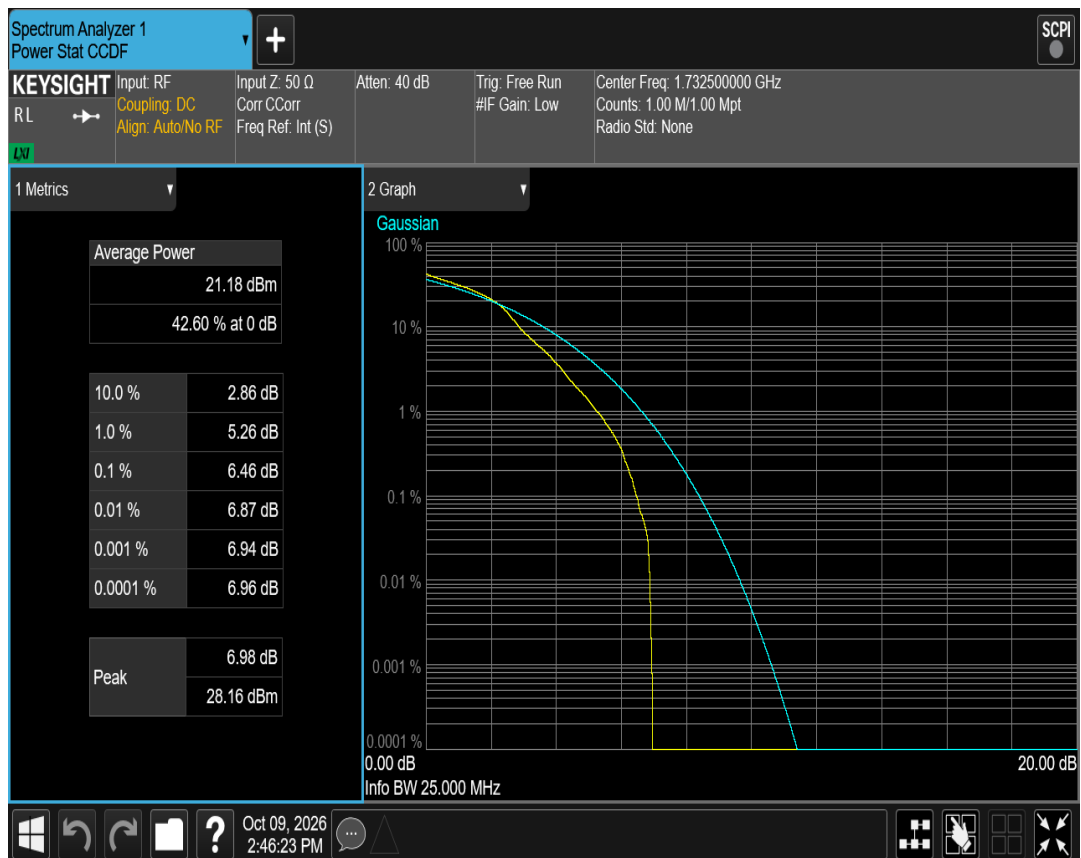
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band4	1.4	20175	1	#0	QAM16	6.16	13	PASS
Band4	3	20175	1	#0	QAM16	6.46	13	PASS
Band4	5	20175	1	#0	QAM16	6.20	13	PASS
Band4	10	20175	1	#0	QAM16	6.30	13	PASS
Band4	15	20175	1	#0	QAM16	6.02	13	PASS
Band4	20	20175	1	#0	QAM16	5.82	13	PASS

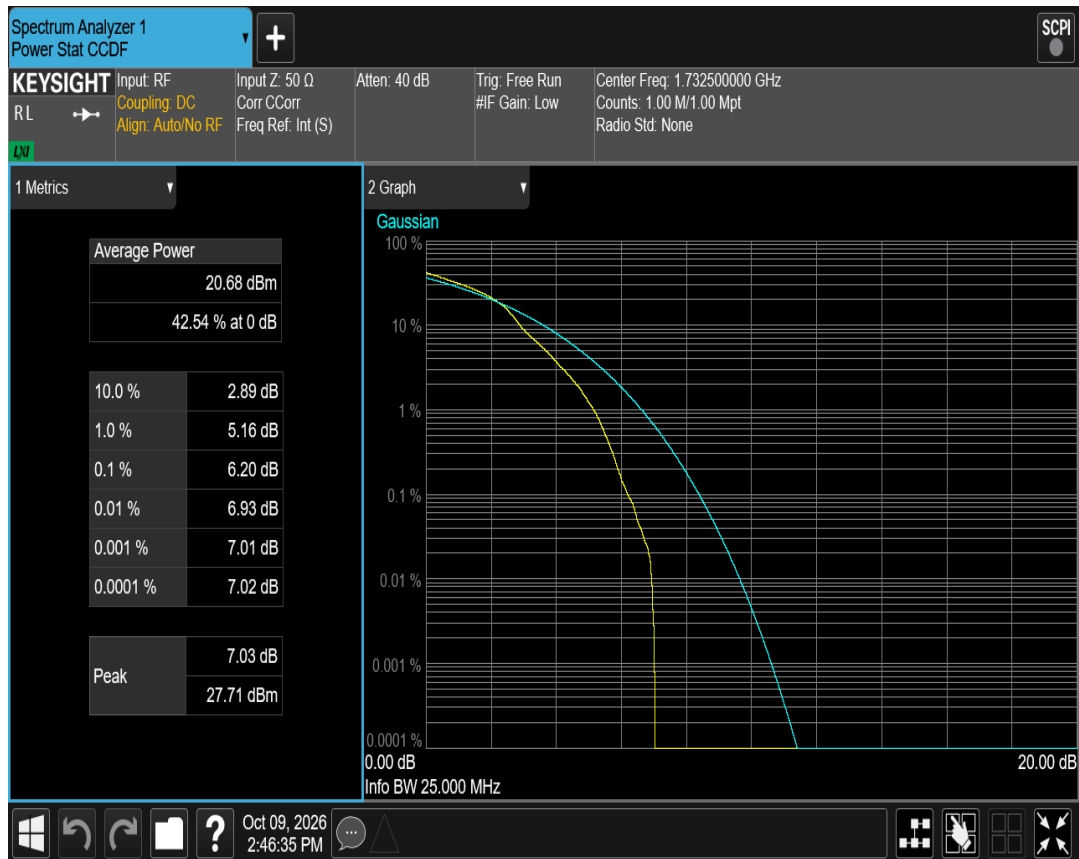
Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=1 Position=#0



Band4 QAM16 BW=10MHz Channel=20175 RB Size=1 Position=#0

**Band4 QAM16 BW=15MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=20MHz Channel=20175 RB Size=1 Position=#0**

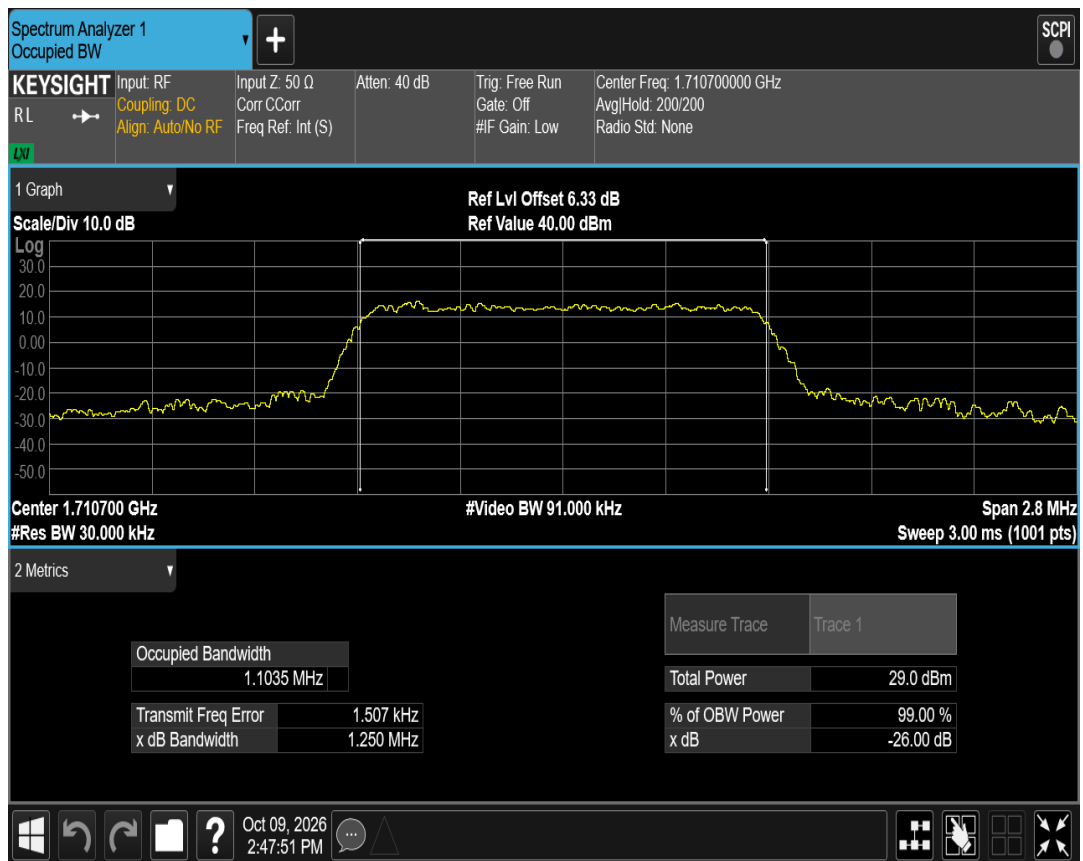
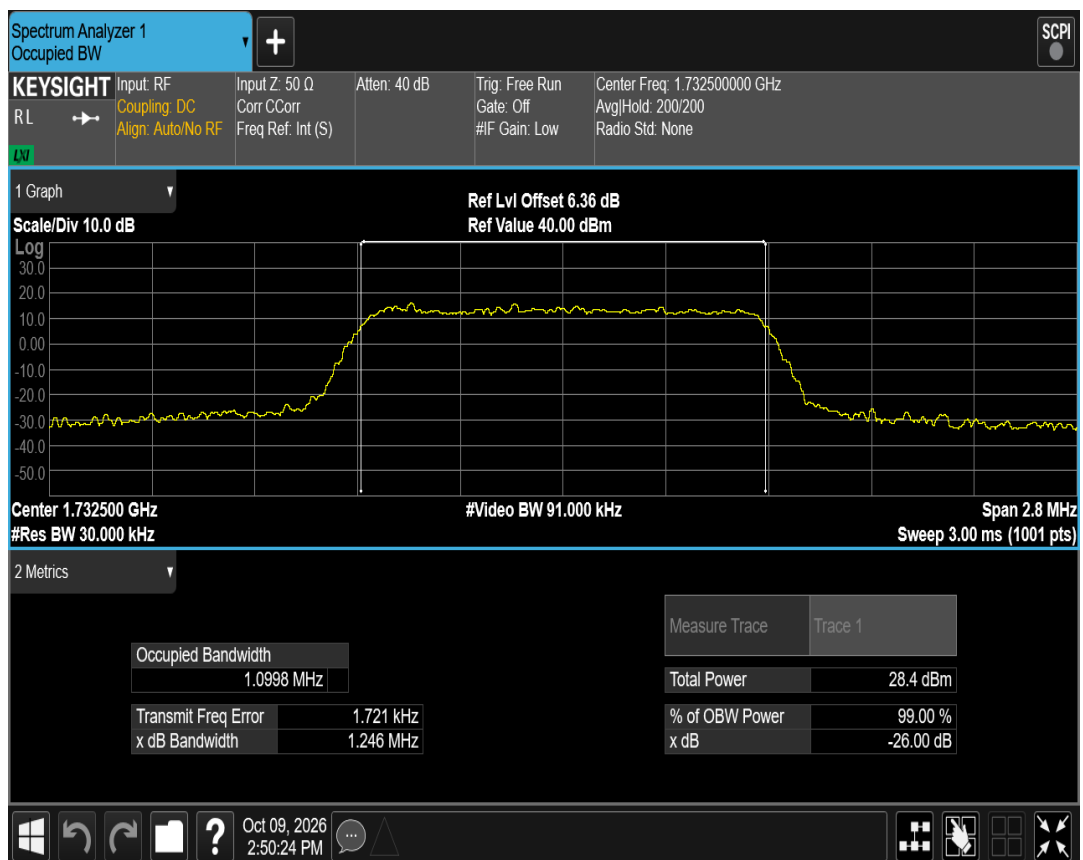
**Band4 QAM16 BW=3MHz Channel=20175 RB Size=1 Position=#0****Band4 QAM16 BW=5MHz Channel=20175 RB Size=1 Position=#0**

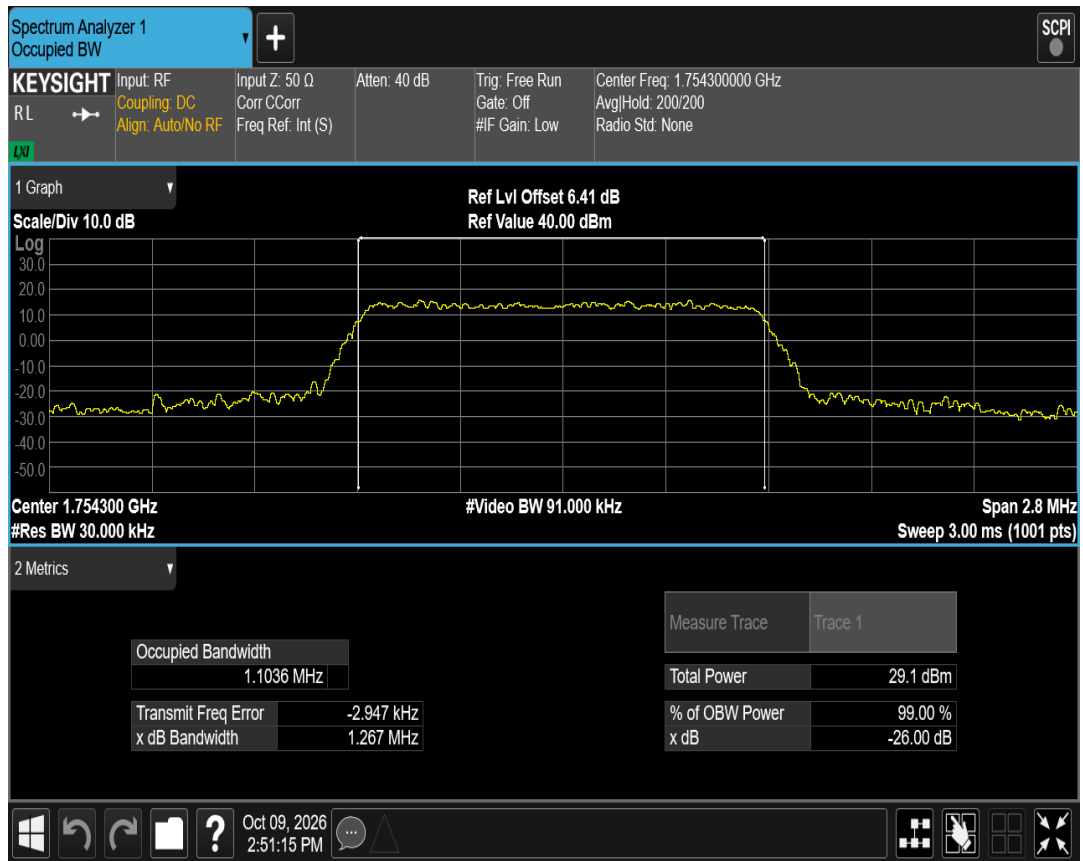
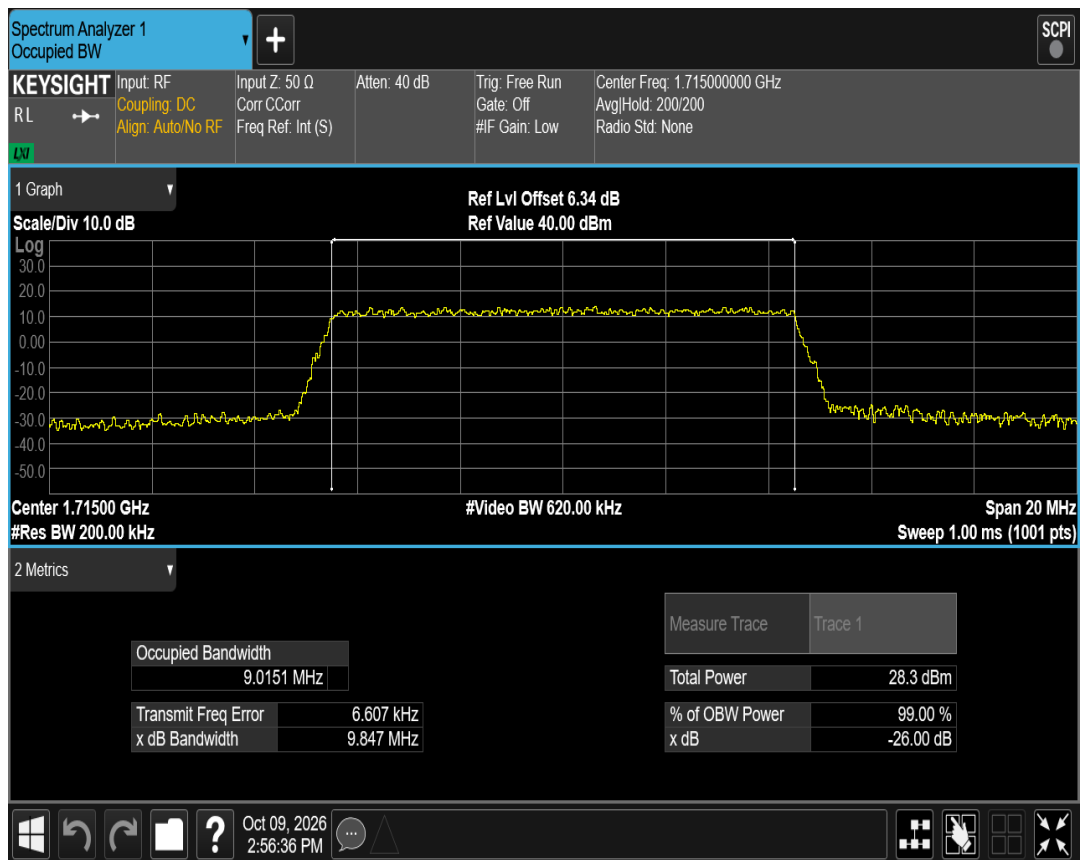


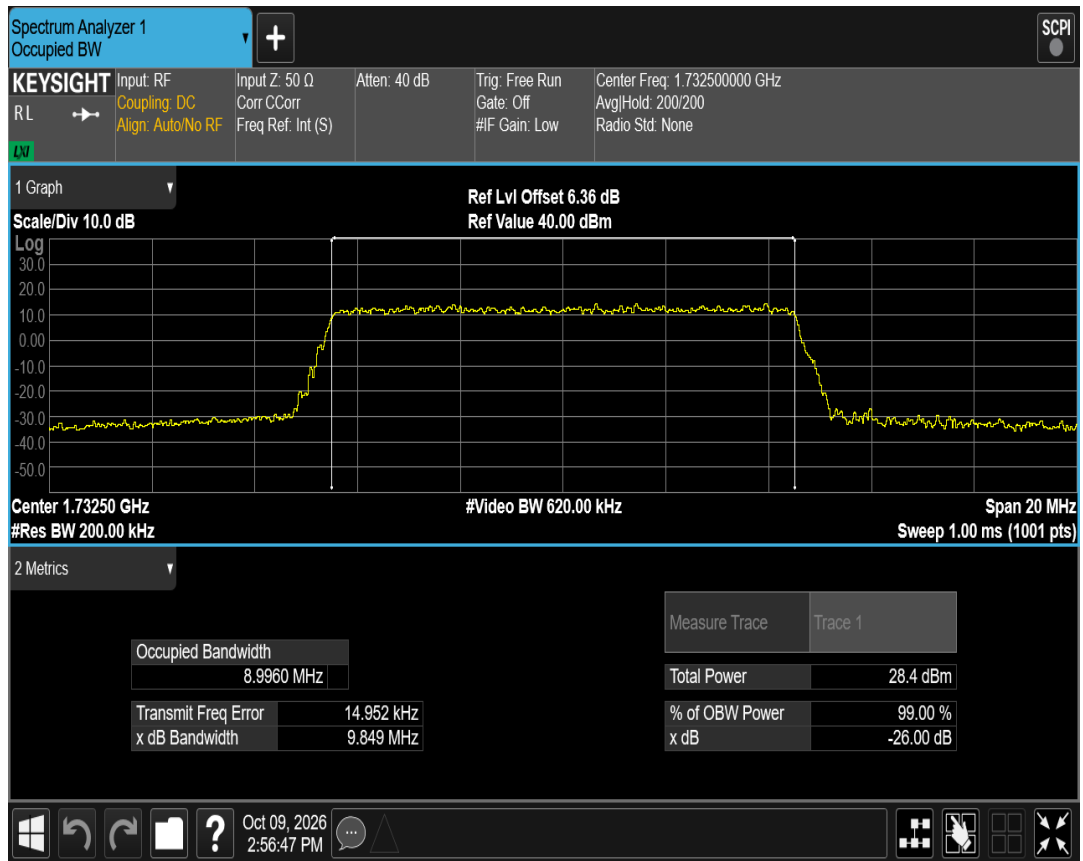
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band4	1.4	19957	6	#0	QAM16	1.104	1.250	PASS
Band4	1.4	20175	6	#0	QAM16	1.100	1.246	PASS
Band4	1.4	20393	6	#0	QAM16	1.104	1.267	PASS
Band4	3	19965	15	#0	QAM16	2.700	3.022	PASS
Band4	3	20175	15	#0	QAM16	2.702	3.043	PASS
Band4	3	20385	15	#0	QAM16	2.712	3.022	PASS
Band4	5	19975	25	#0	QAM16	4.530	4.940	PASS
Band4	5	20175	25	#0	QAM16	4.514	4.987	PASS
Band4	5	20375	25	#0	QAM16	4.504	5.012	PASS
Band4	10	20000	50	#0	QAM16	9.015	9.847	PASS
Band4	10	20175	50	#0	QAM16	8.996	9.849	PASS
Band4	10	20350	50	#0	QAM16	9.014	9.942	PASS
Band4	15	20025	75	#0	QAM16	13.431	14.879	PASS
Band4	15	20175	75	#0	QAM16	13.453	14.879	PASS
Band4	15	20325	75	#0	QAM16	13.509	14.715	PASS
Band4	20	20050	100	#0	QAM16	18.020	19.608	PASS
Band4	20	20175	100	#0	QAM16	17.968	19.733	PASS
Band4	20	20300	100	#0	QAM16	18.024	19.560	PASS

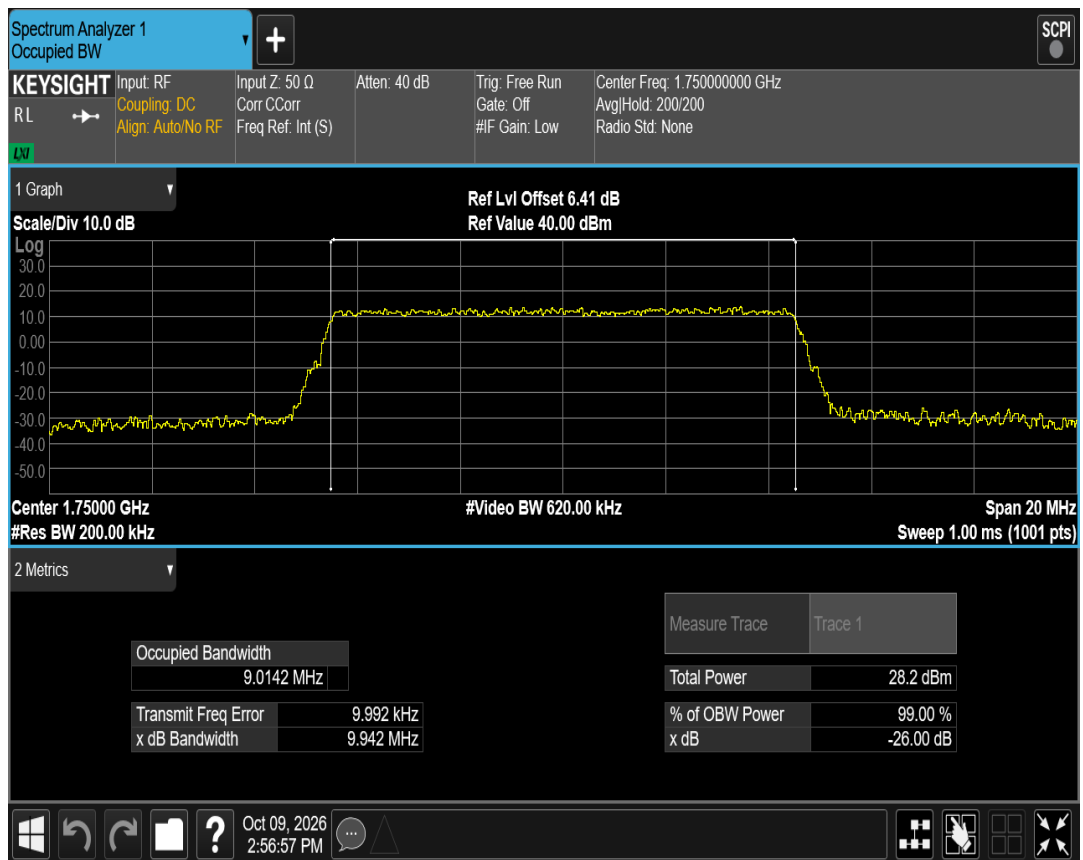
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

**Band4 QAM16 BW=1.4MHz Channel=20175 RB Size=6 Position=#0****Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0**

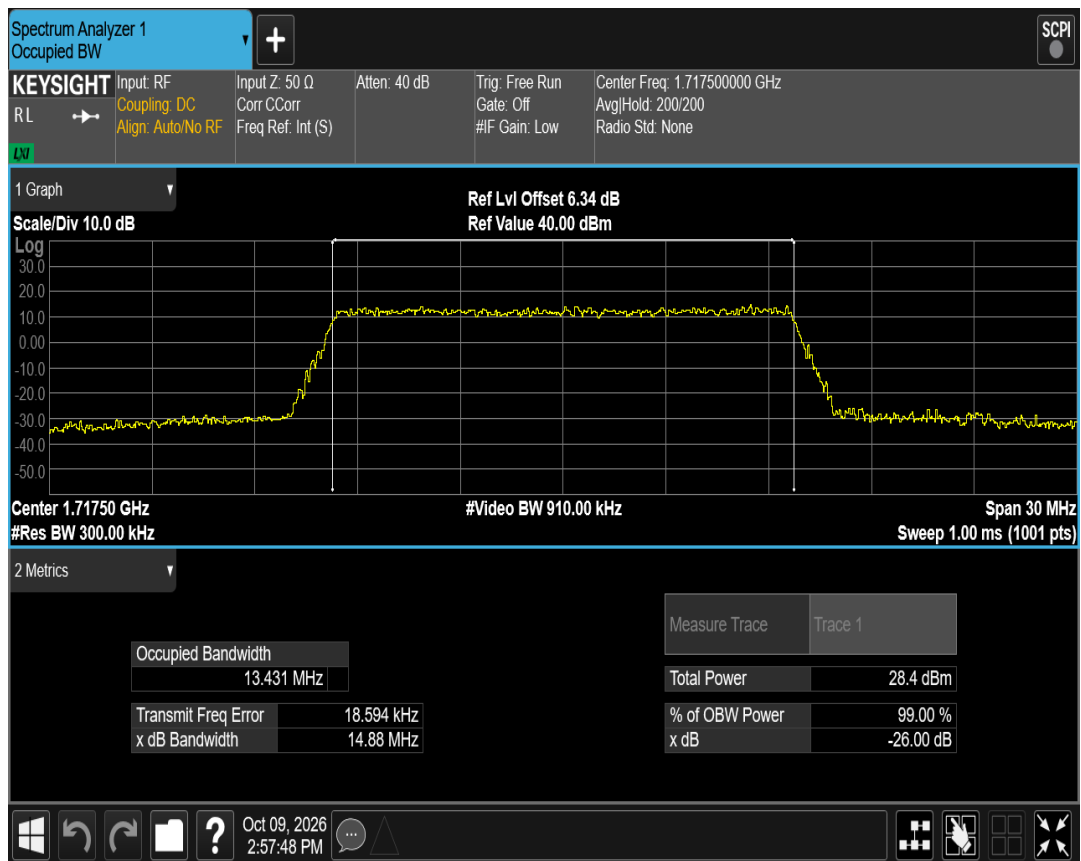
**Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QAM16 BW=10MHz Channel=20175 RB Size=50 Position=#0**



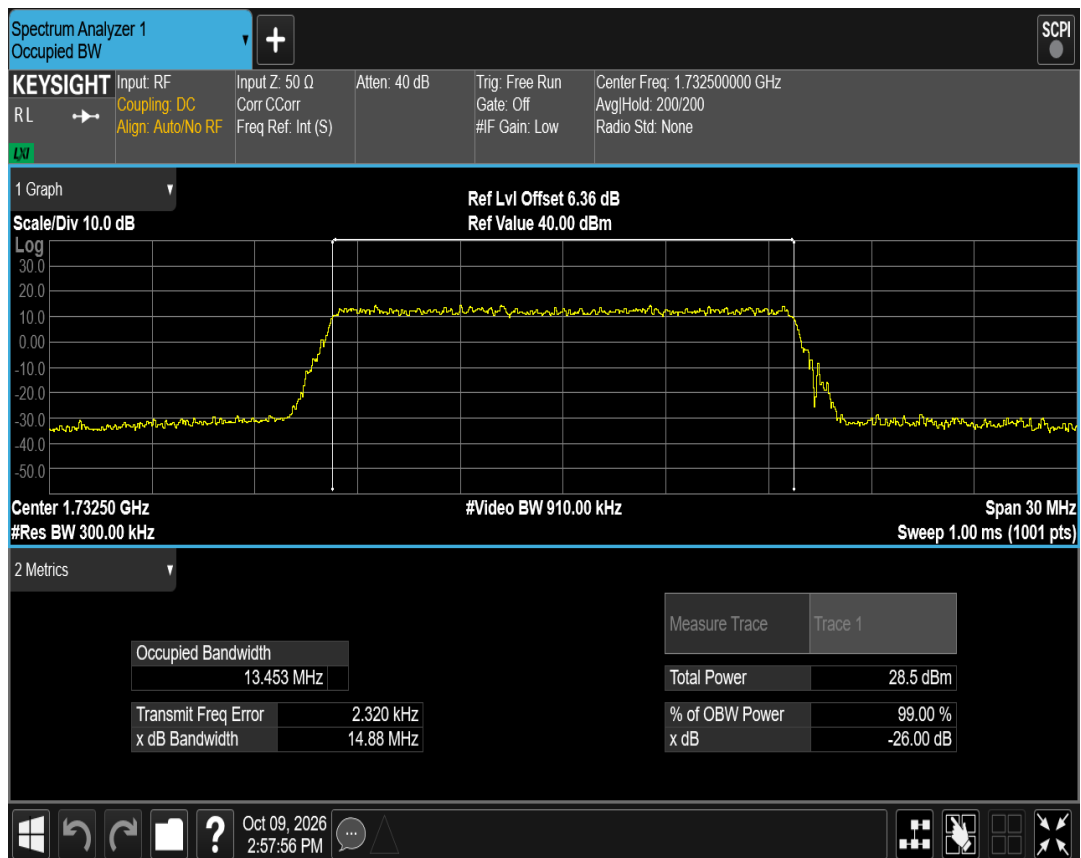
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



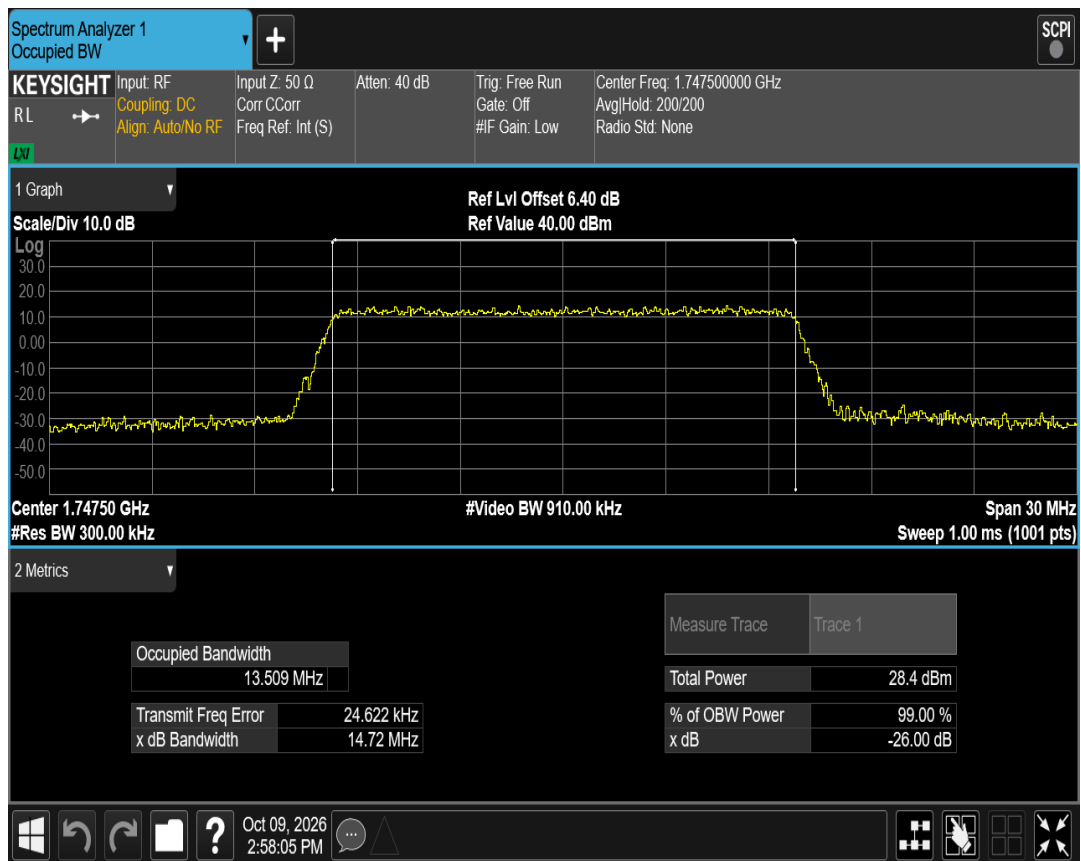
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



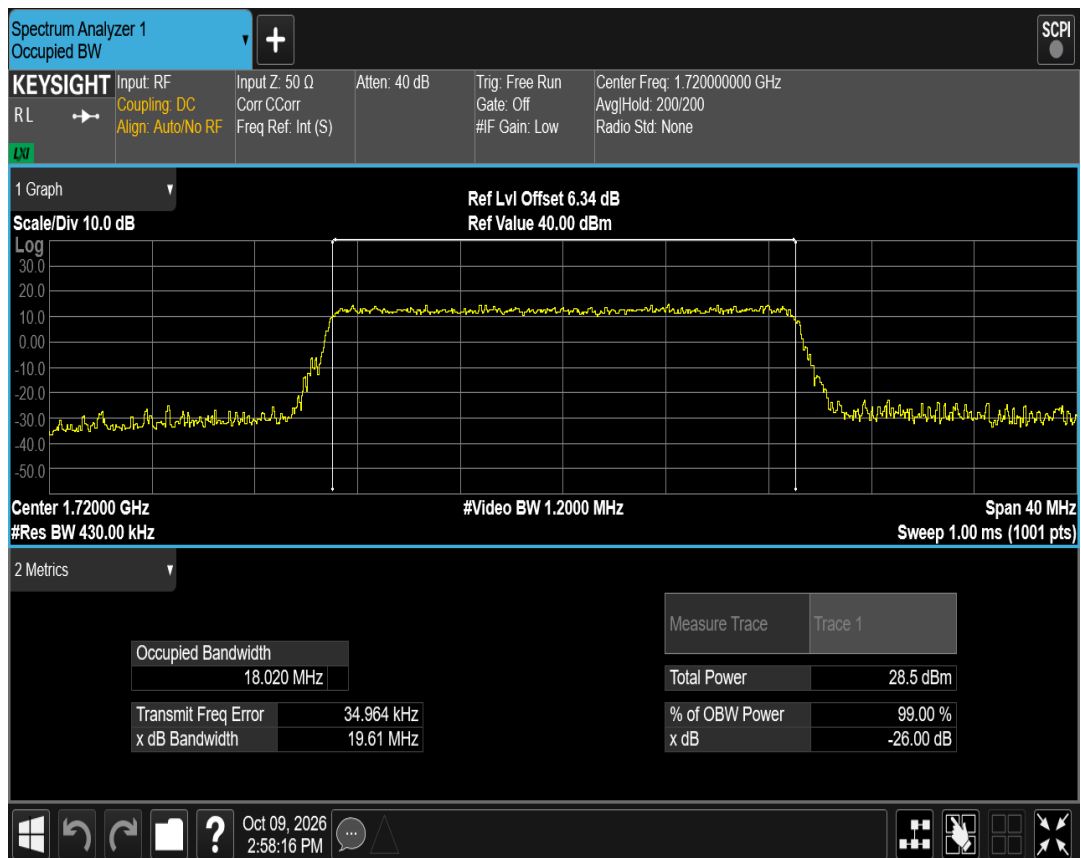
Band4 QAM16 BW=15MHz Channel=20175 RB Size=75 Position=#0



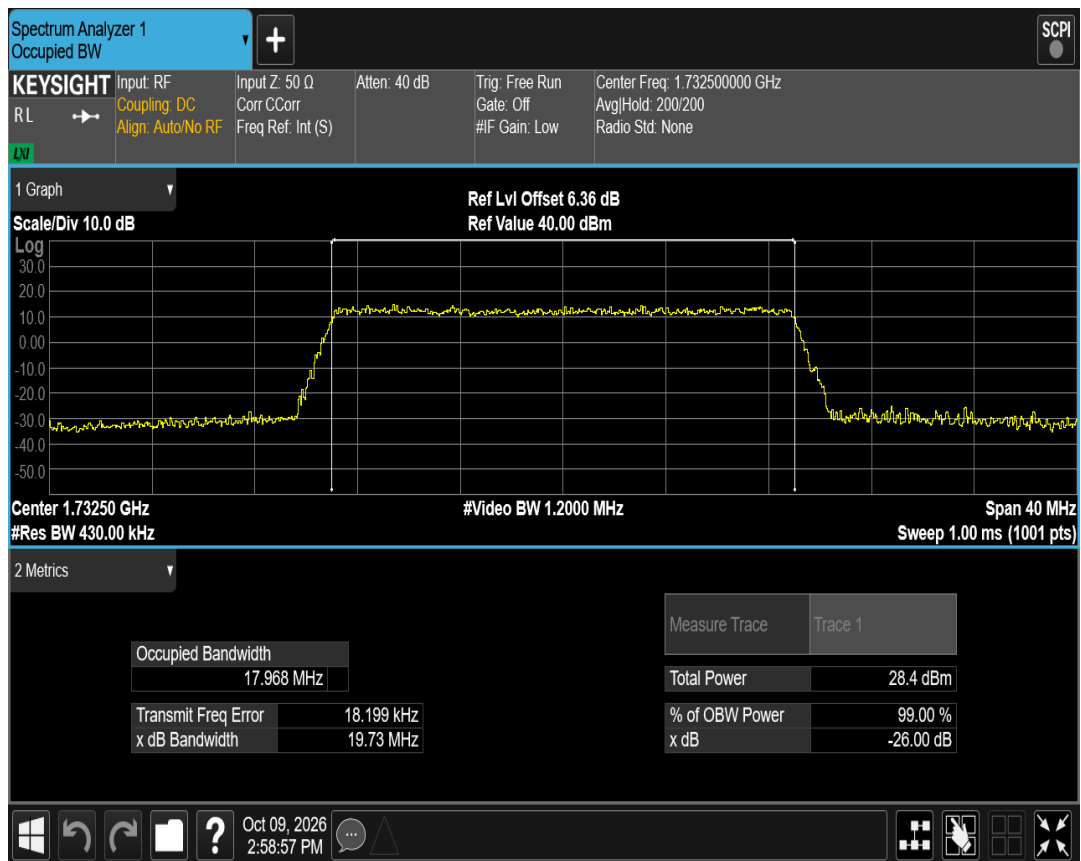
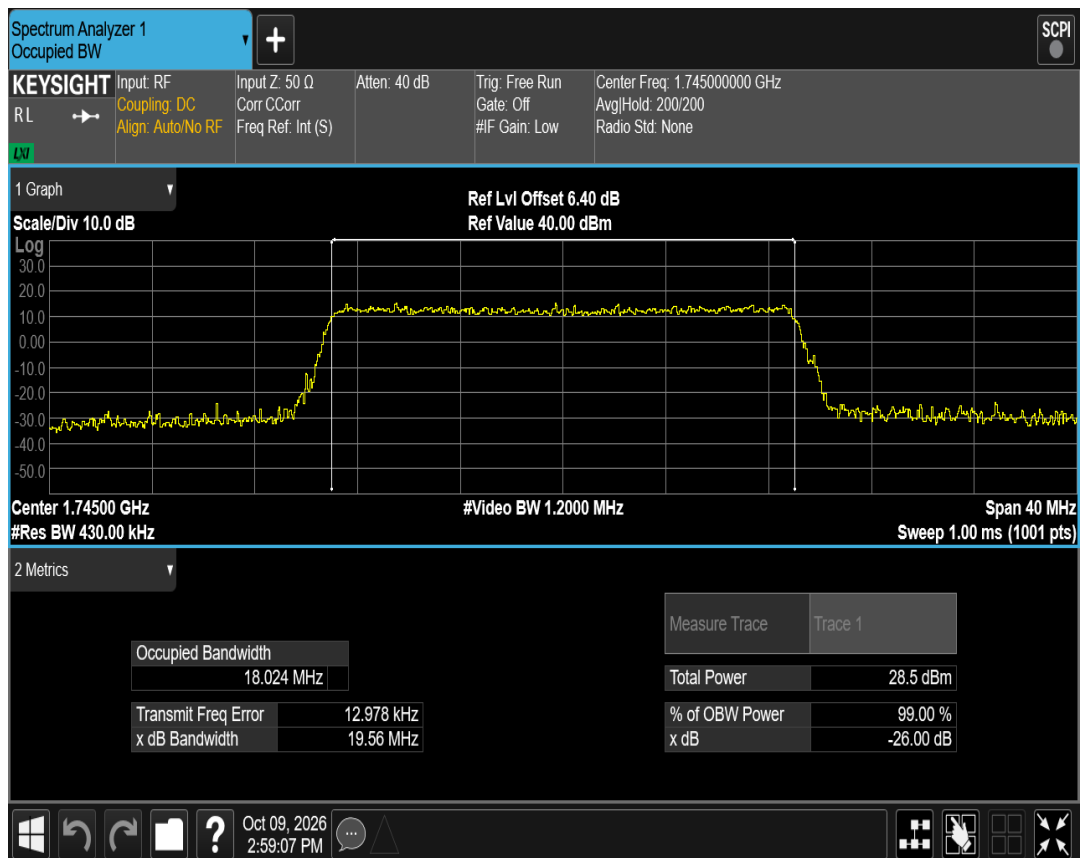
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0

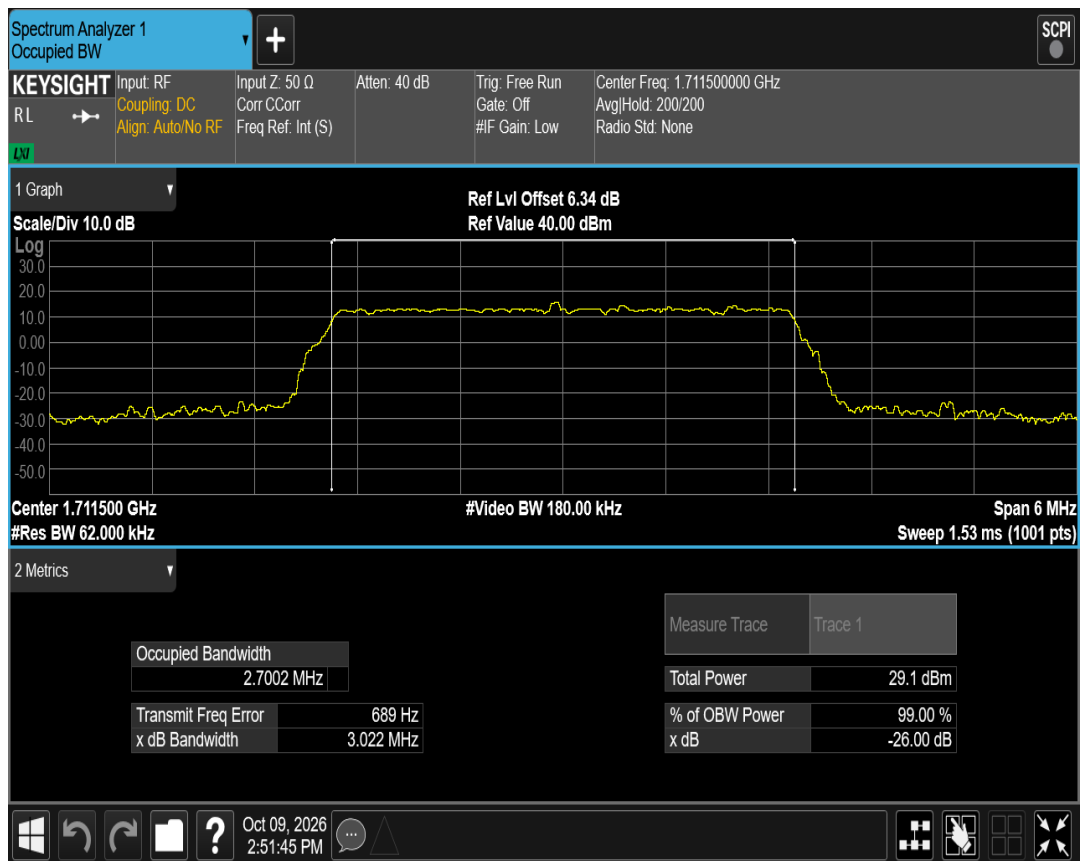
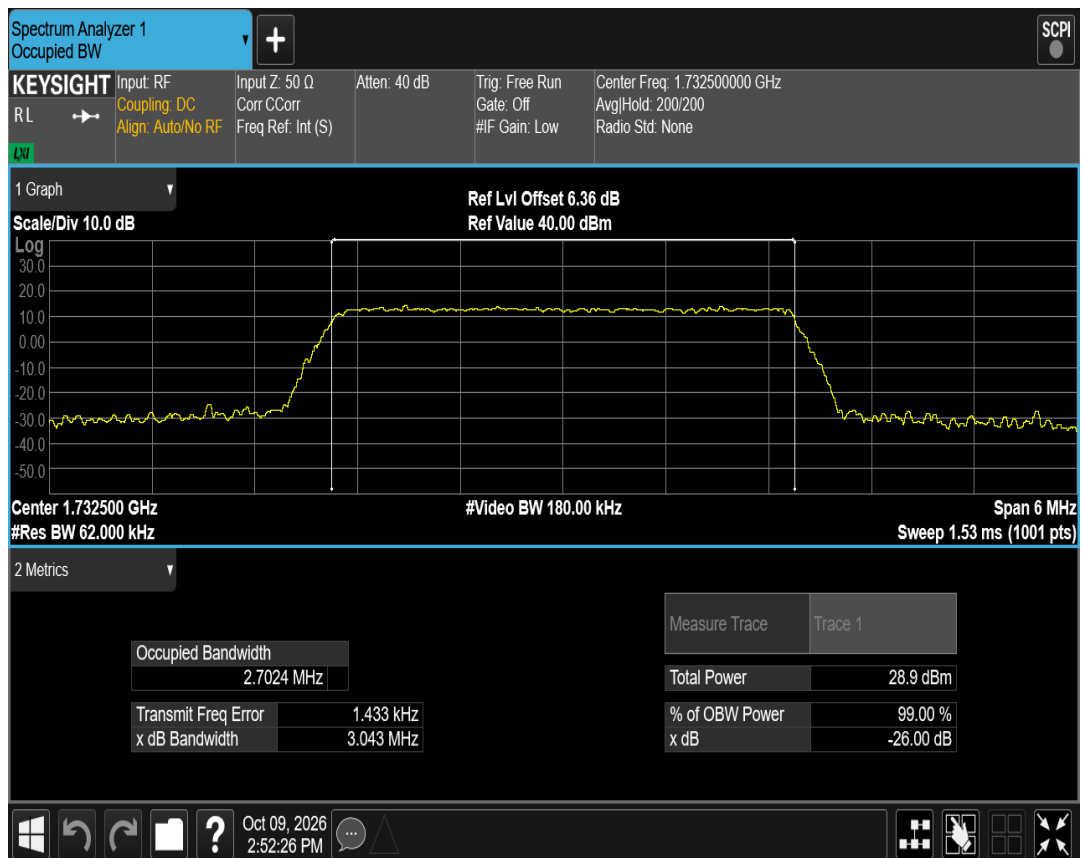


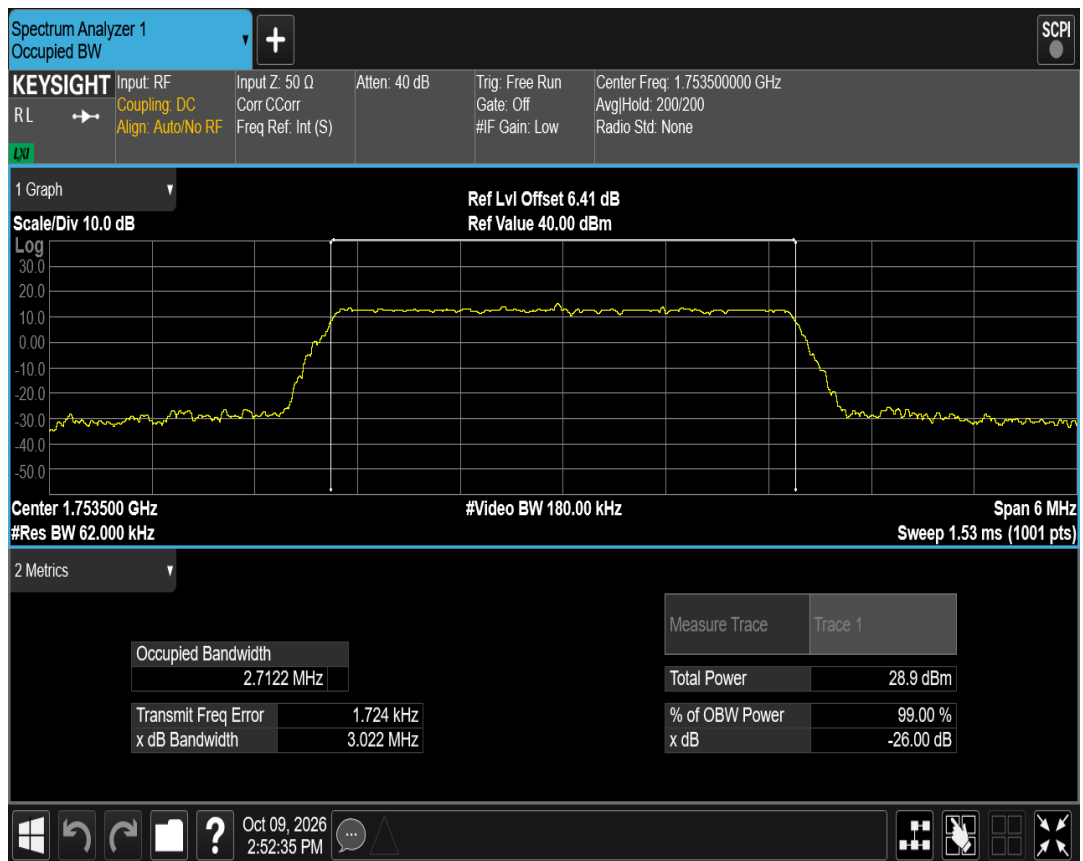
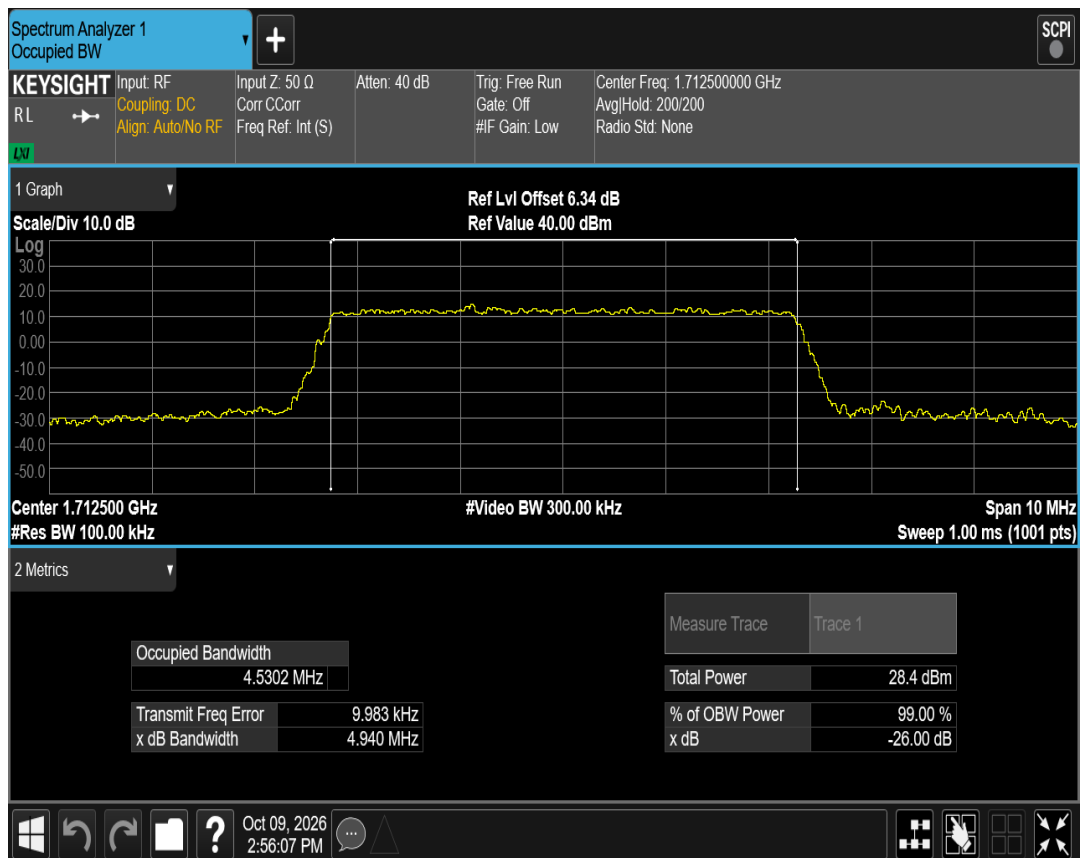
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0

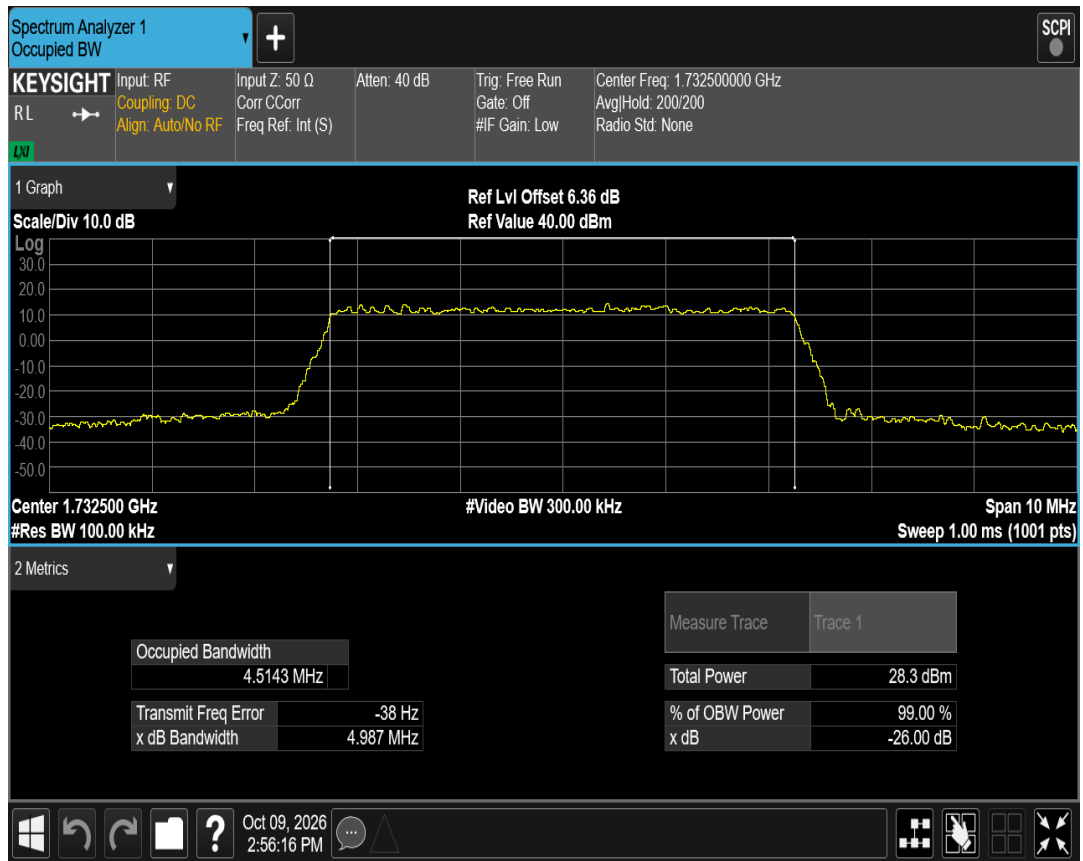


Band4 QAM16 BW=20MHz Channel=20175 RB Size=100 Position=#0

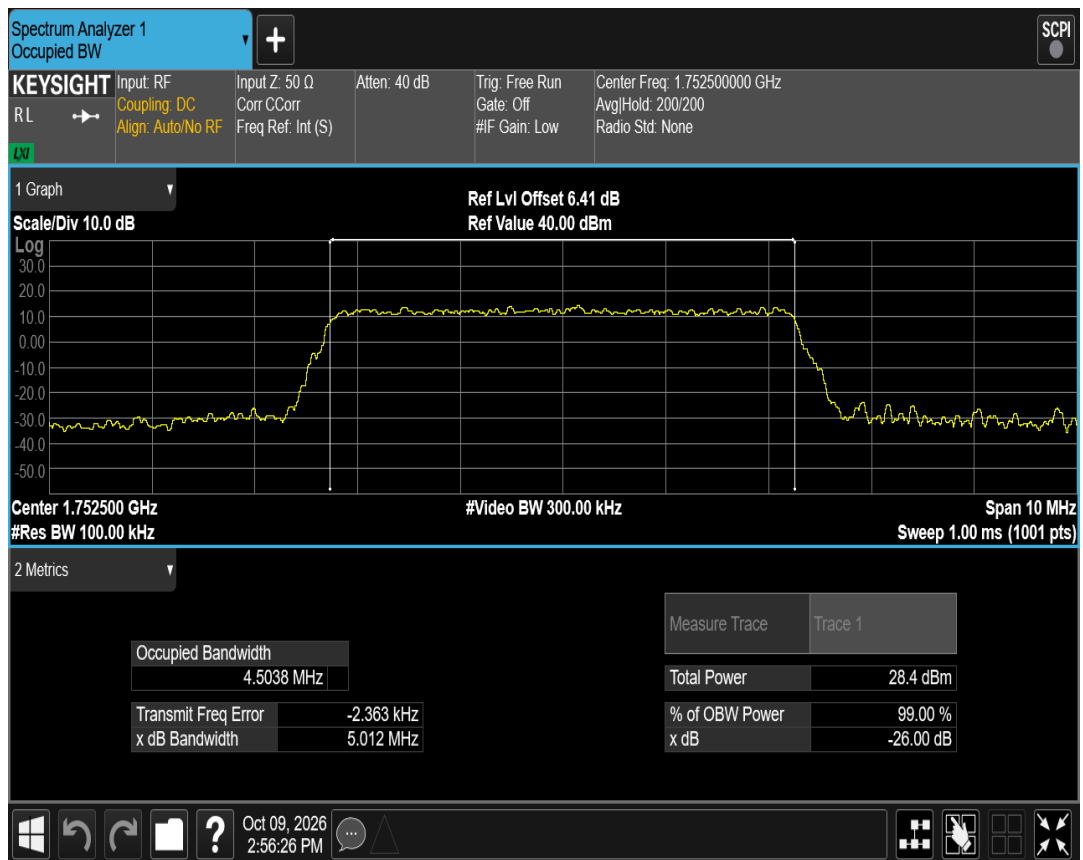
**Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0****Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0**

**Band4 QAM16 BW=3MHz Channel=20175 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 QAM16 BW=5MHz Channel=20175 RB Size=25 Position=#0**



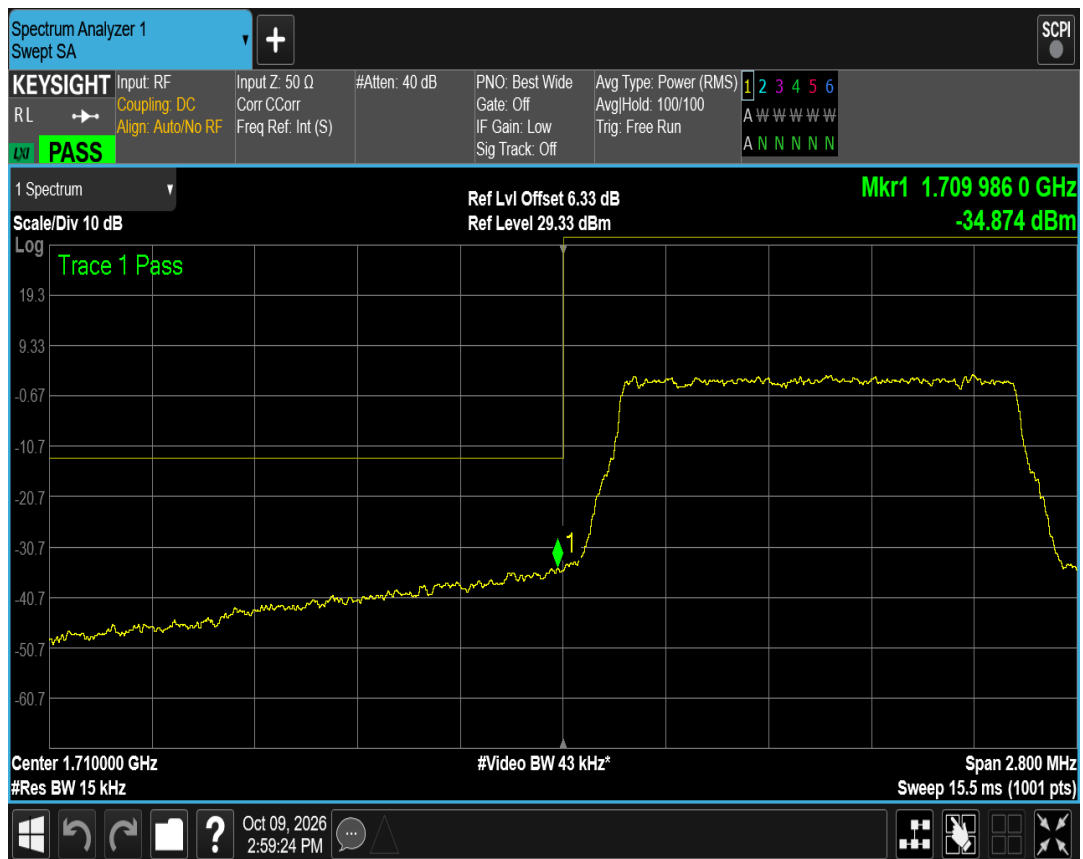
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



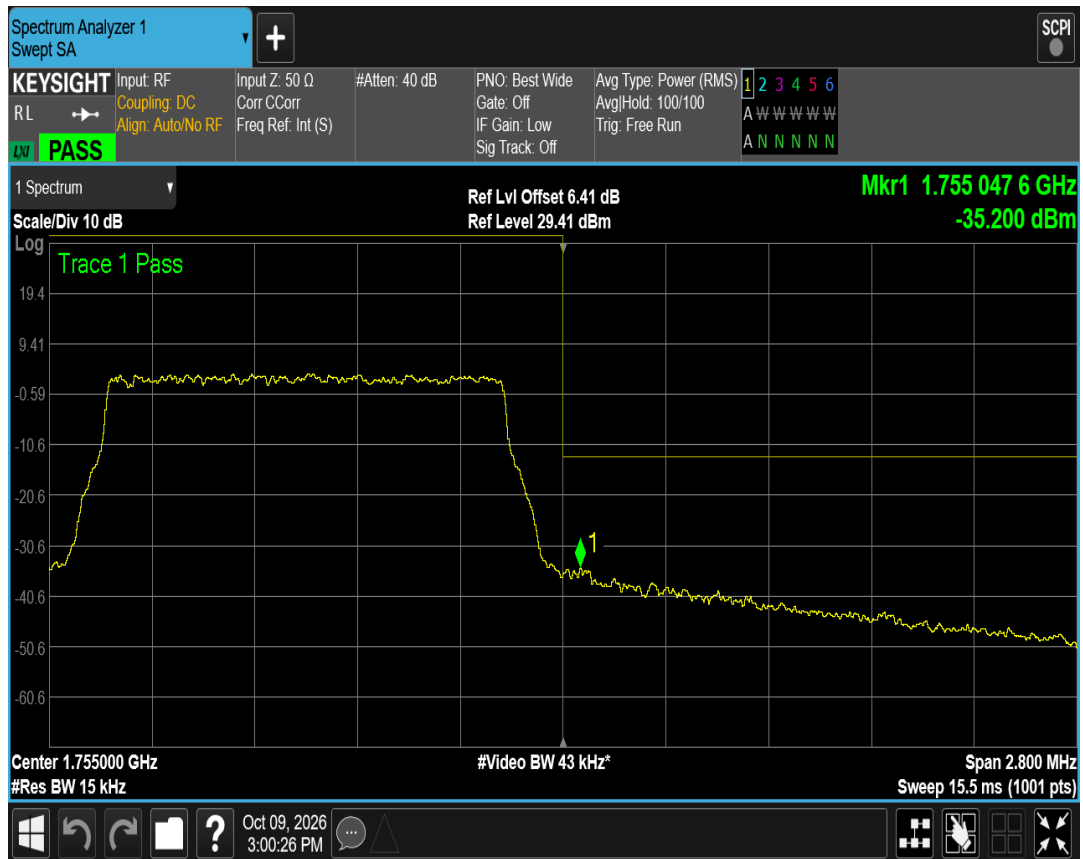
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QAM16	1709.99	-34.87	-13	PASS
Band4	1.4	20393	6	#0	QAM16	1755.05	-35.20	-13	PASS
Band4	3	19965	15	#0	QAM16	1710.00	-25.56	-13	PASS
Band4	3	20385	15	#0	QAM16	1755.00	-27.66	-13	PASS
Band4	5	19975	25	#0	QAM16	1709.99	-33.16	-13	PASS
Band4	5	20375	25	#0	QAM16	1755.00	-31.90	-13	PASS
Band4	10	20000	50	#0	QAM16	1710.00	-36.46	-13	PASS
Band4	10	20350	50	#0	QAM16	1755.00	-36.79	-13	PASS
Band4	15	20025	75	#0	QAM16	1710.00	-34.51	-13	PASS
Band4	15	20325	75	#0	QAM16	1755.00	-35.21	-13	PASS
Band4	20	20050	100	#0	QAM16	1709.96	-38.25	-13	PASS
Band4	20	20300	100	#0	QAM16	1755.00	-36.15	-13	PASS

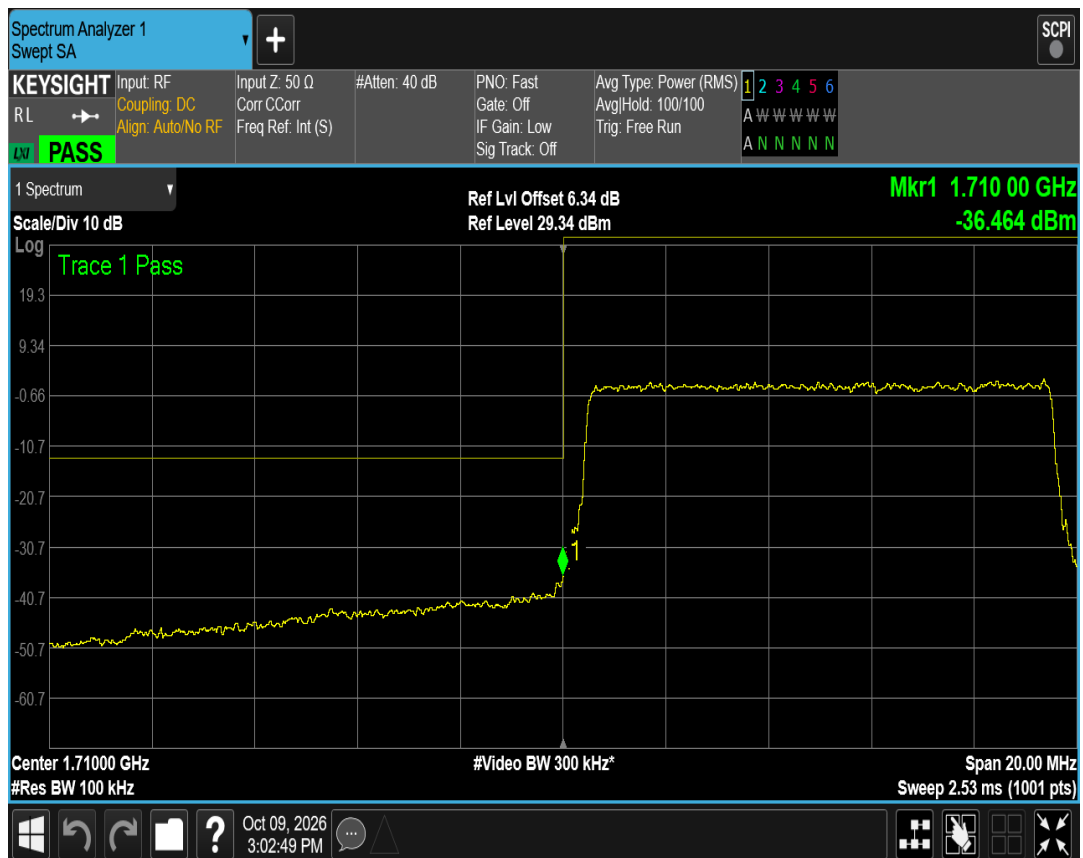
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0



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



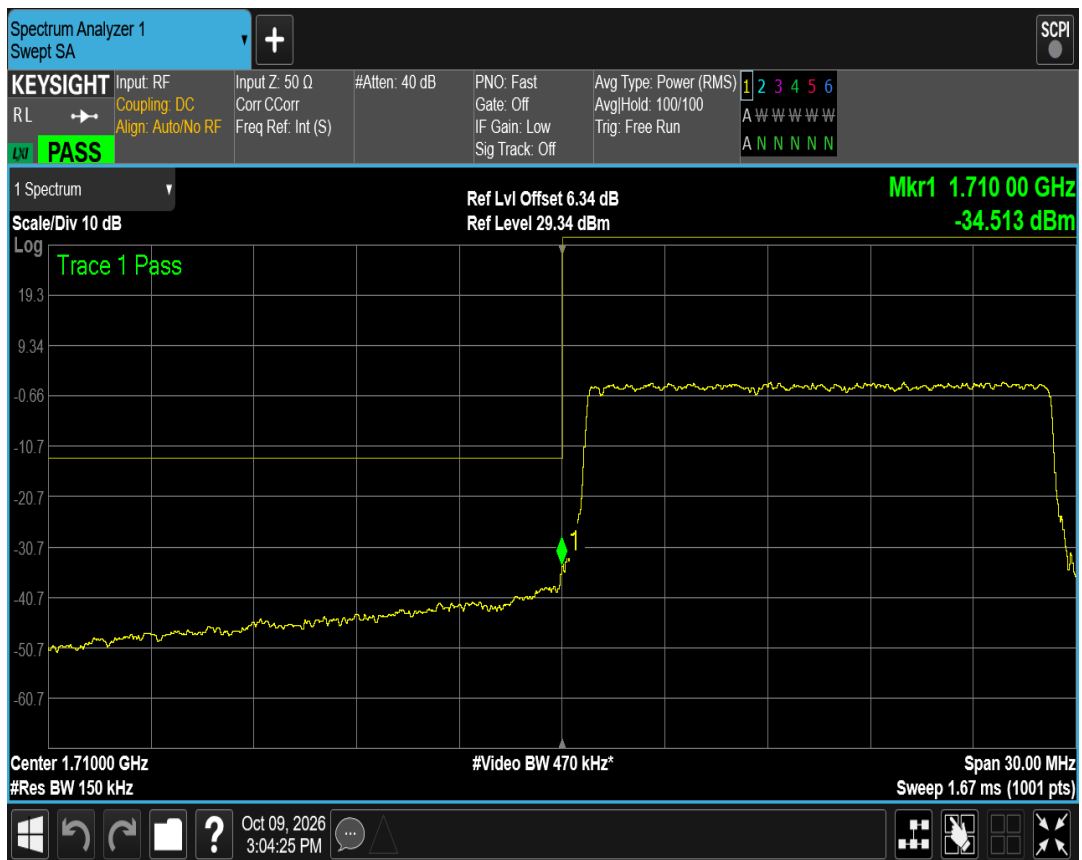
Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0



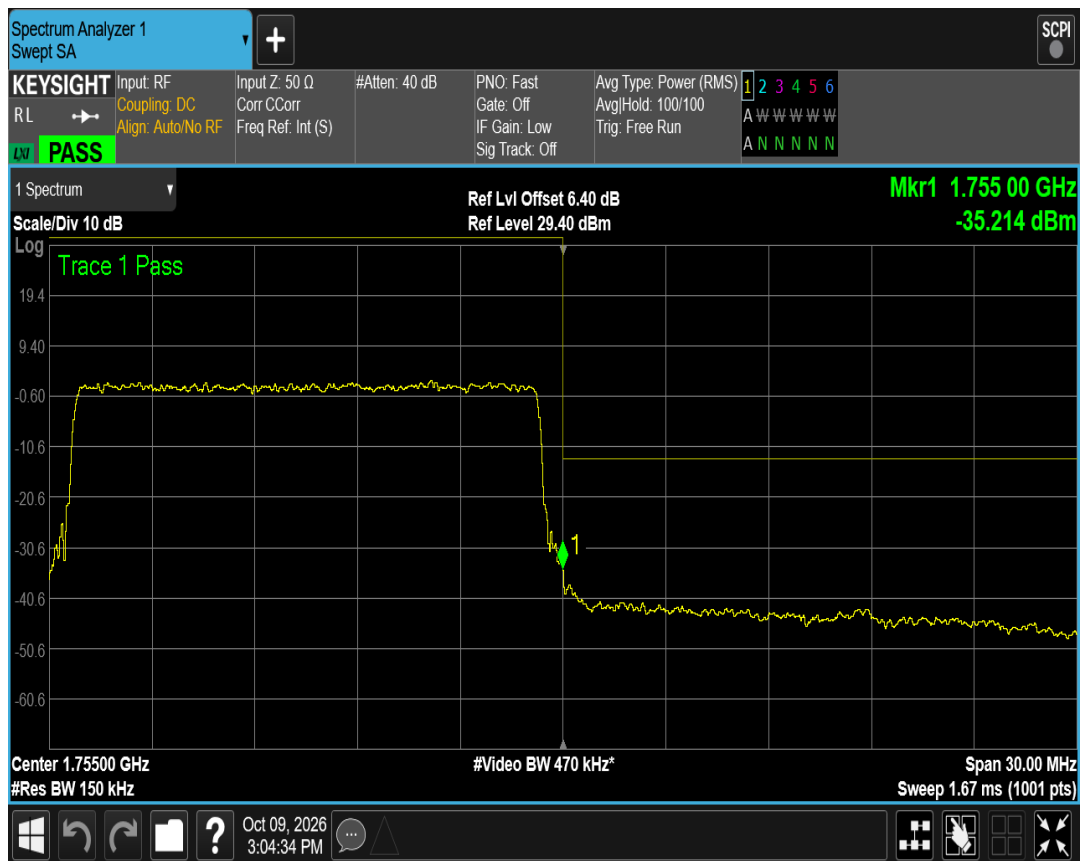
Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0



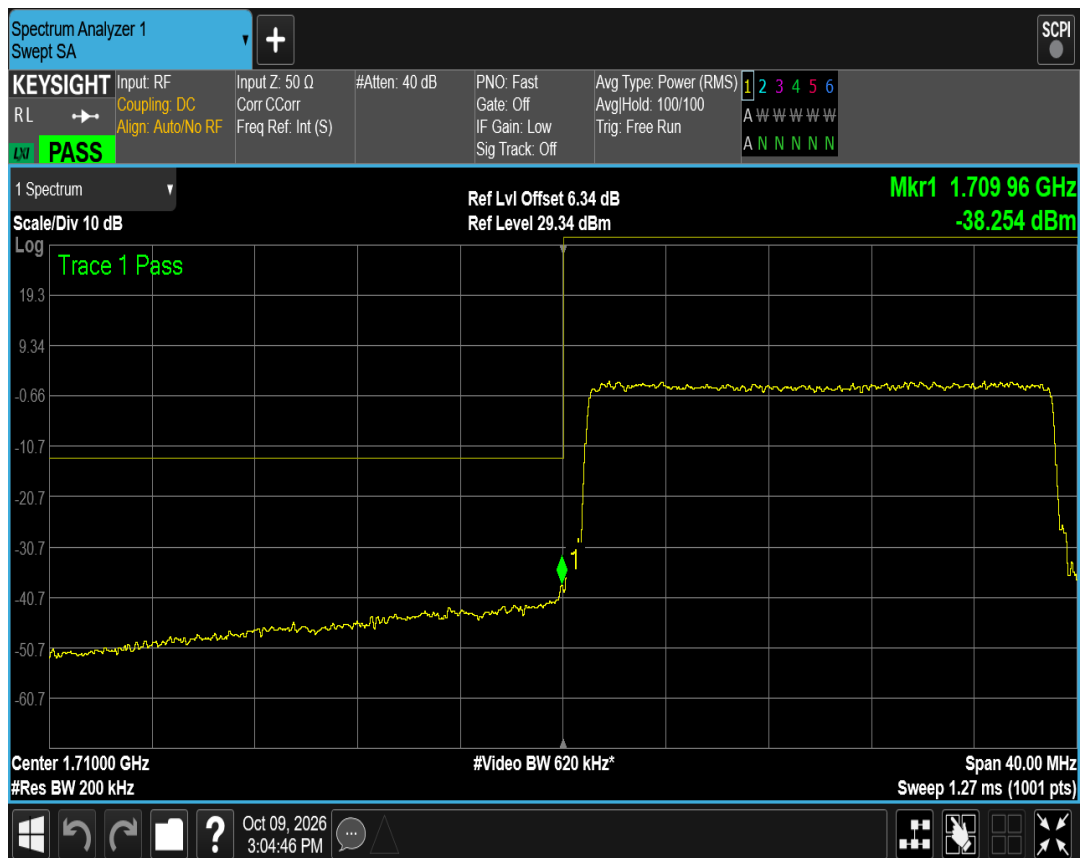
Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0



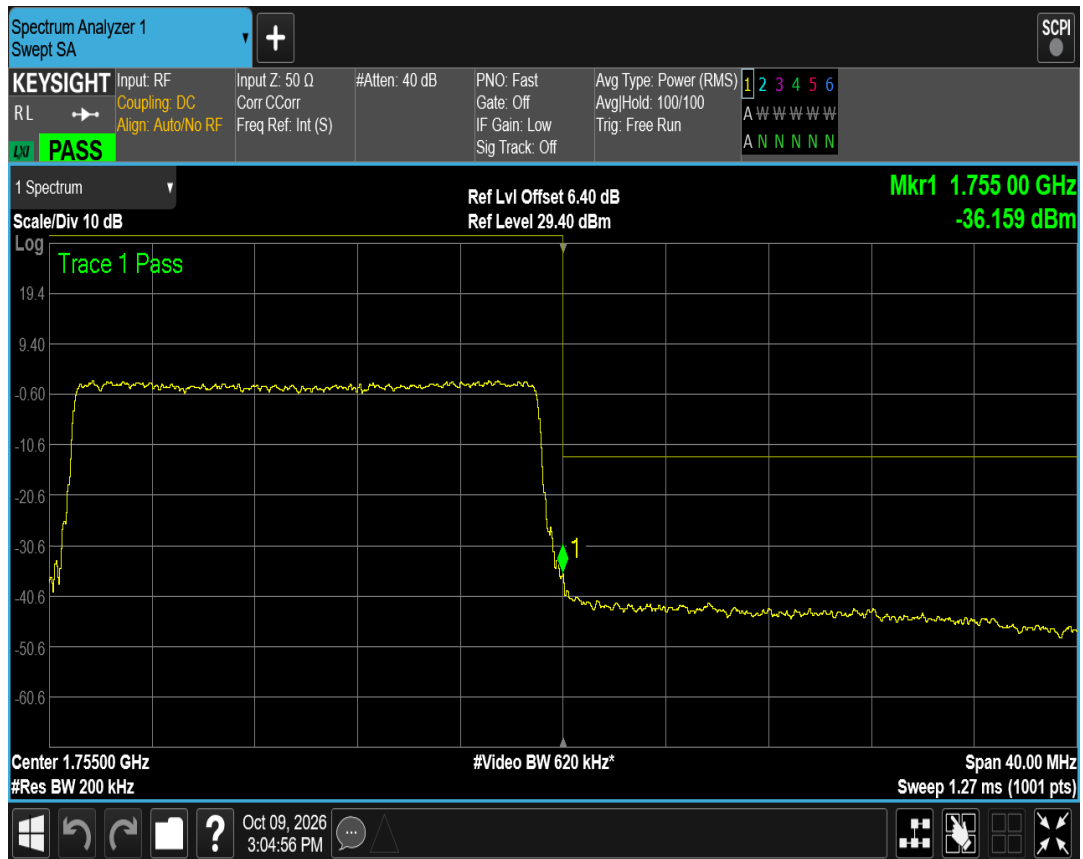
Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0



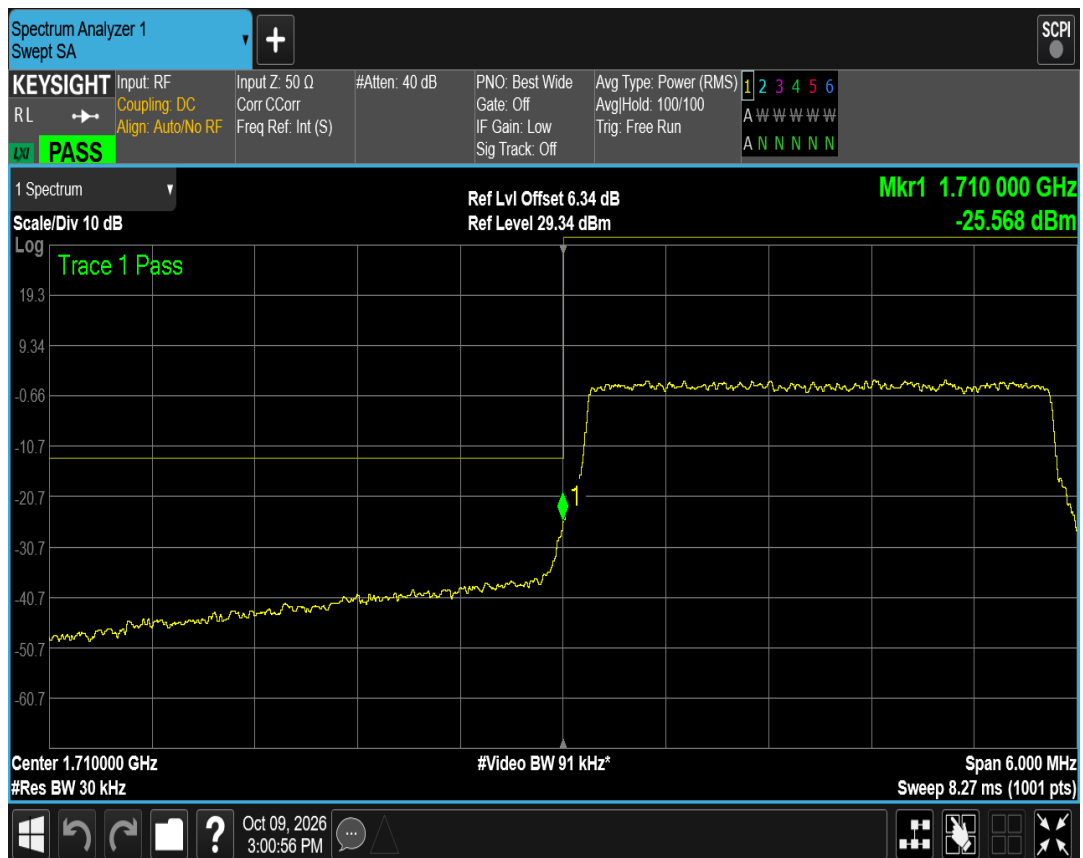
Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0



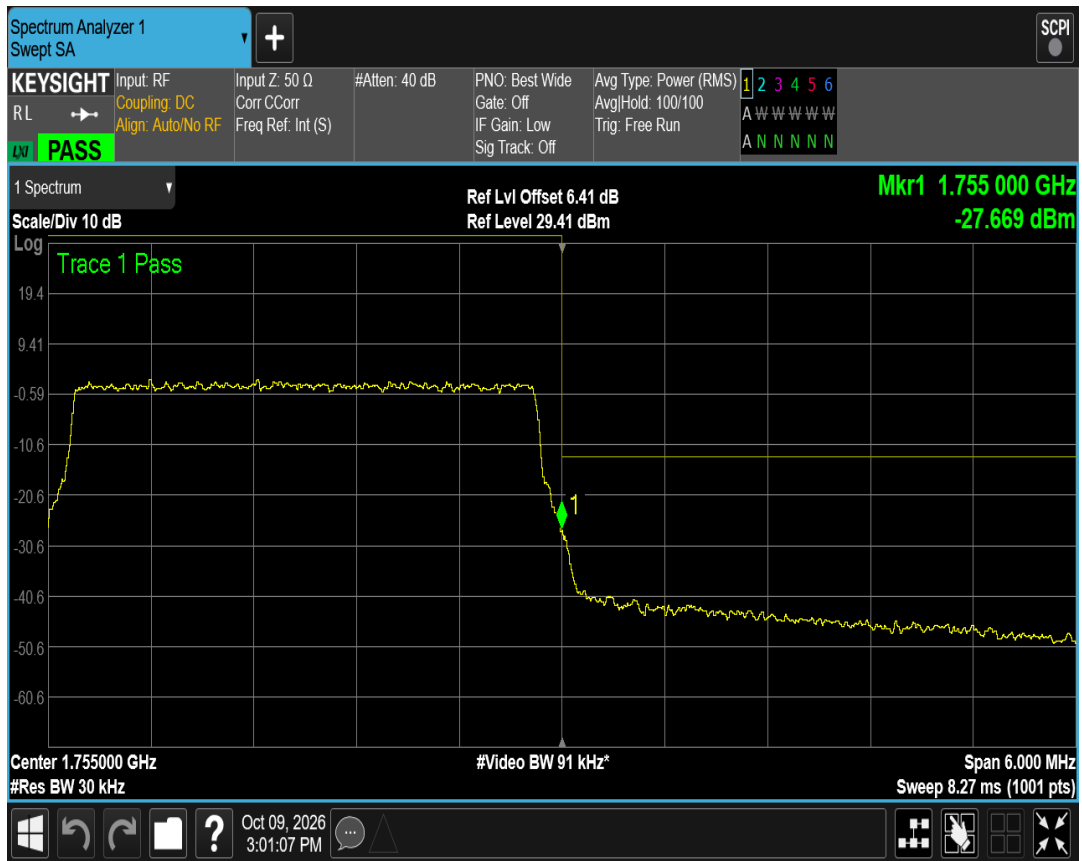
Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0



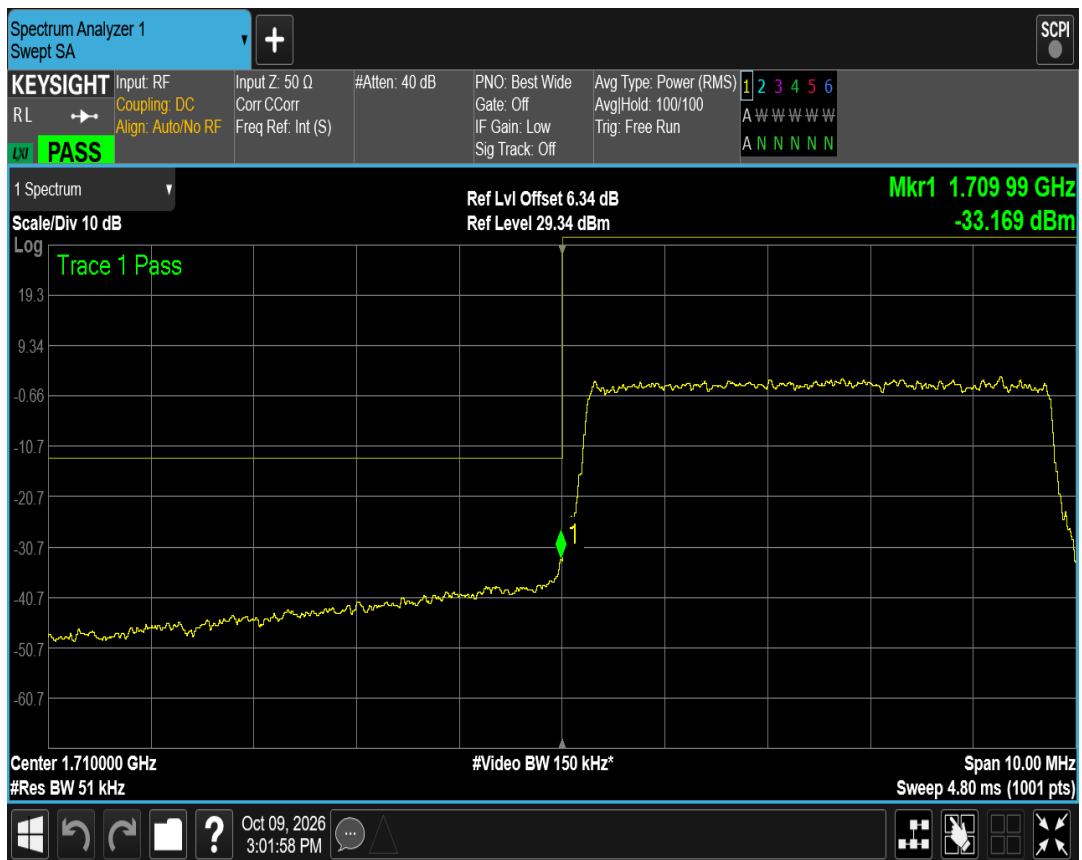
Band4 QAM16 BW=3MHz Channel=19965 RB Size=15 Position=#0



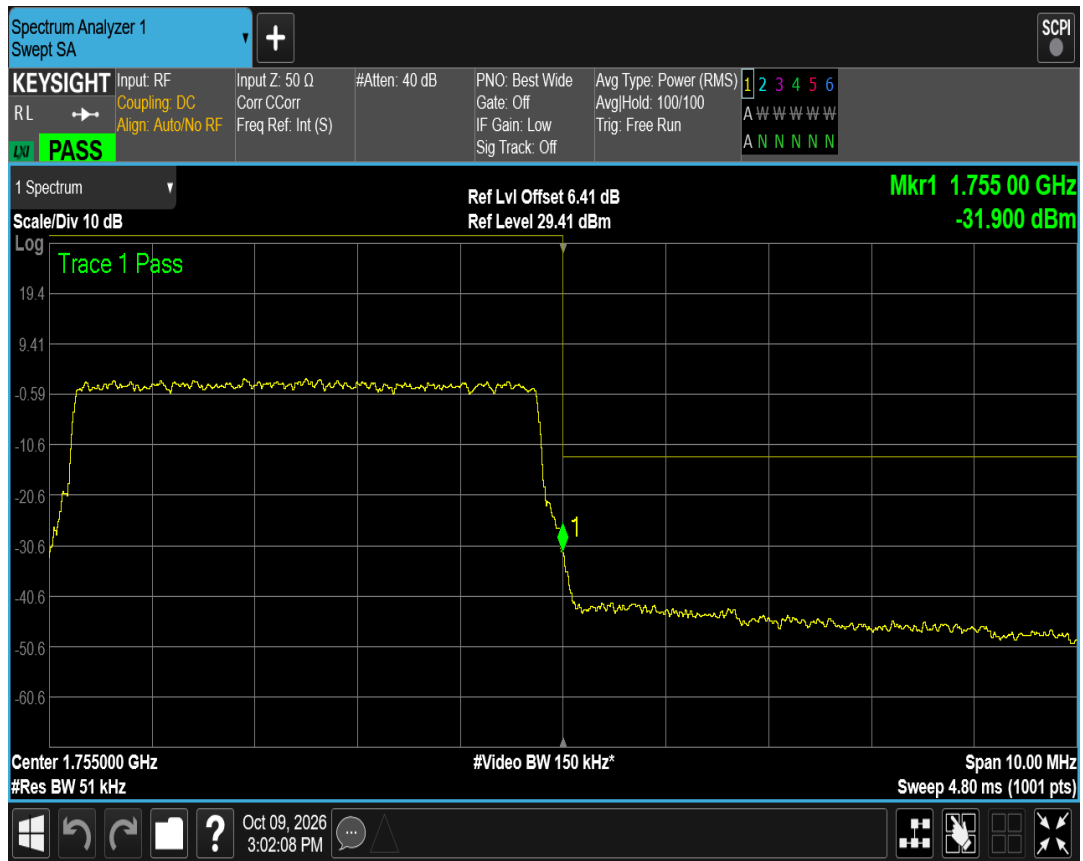
Band4 QAM16 BW=3MHz Channel=20385 RB Size=15 Position=#0



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



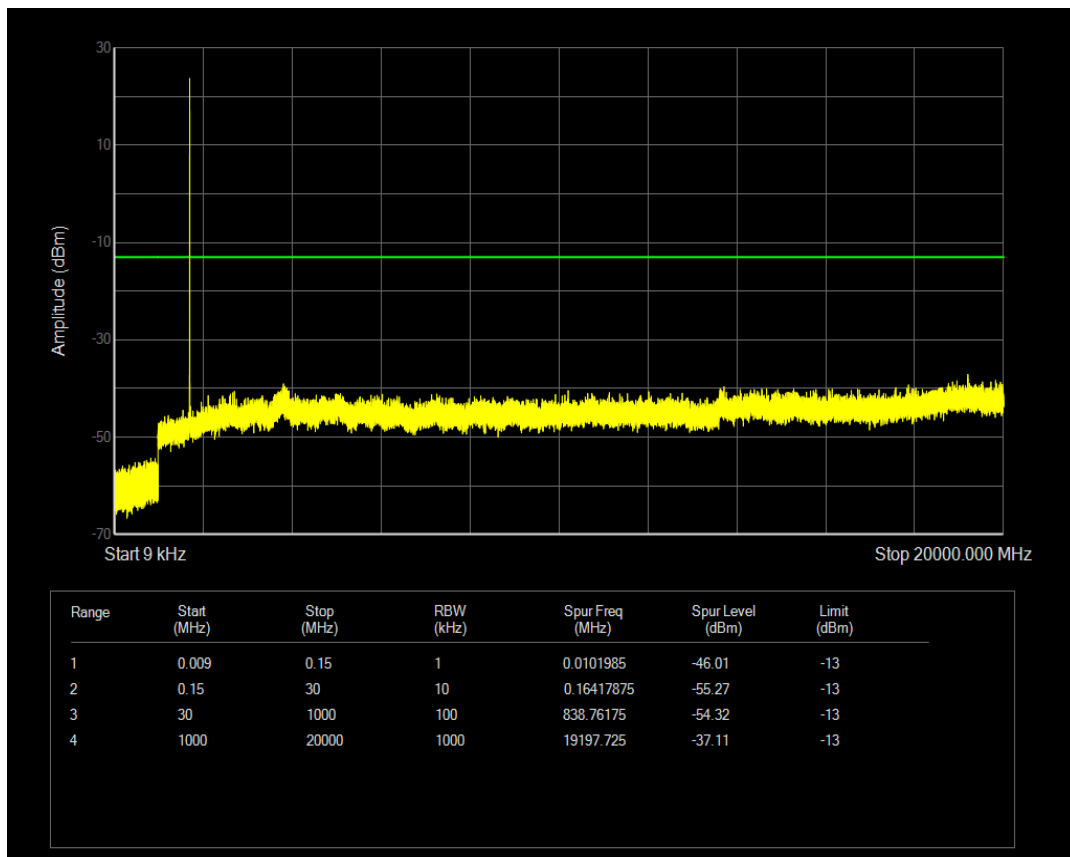
Band4 QAM16 BW=5MHz Channel=20375 RB Size=25 Position=#0



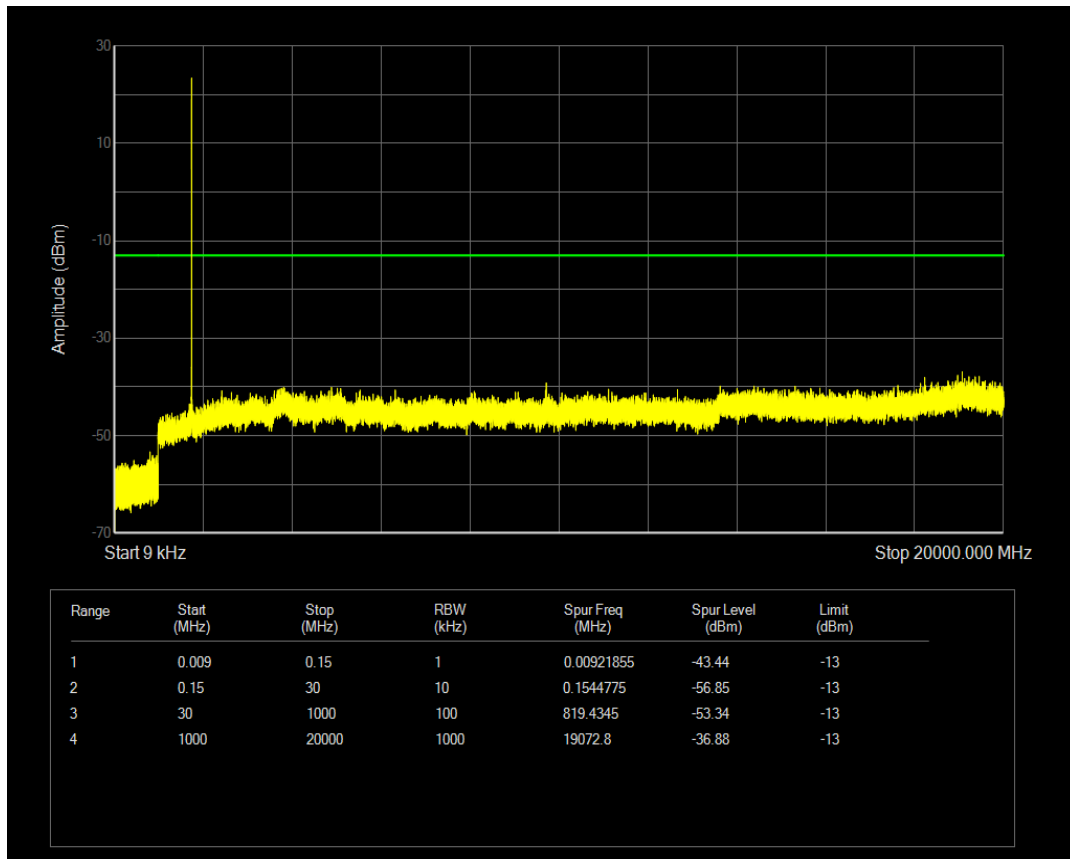
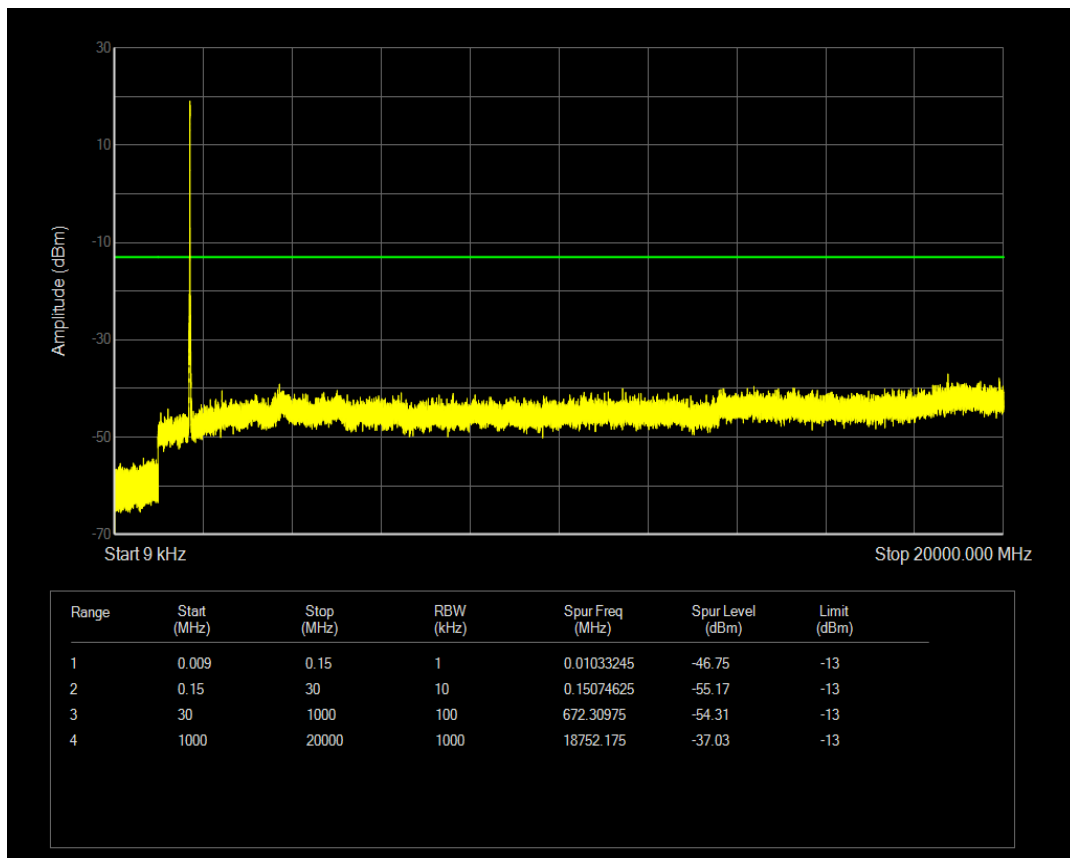
6 Out-of-band emissions

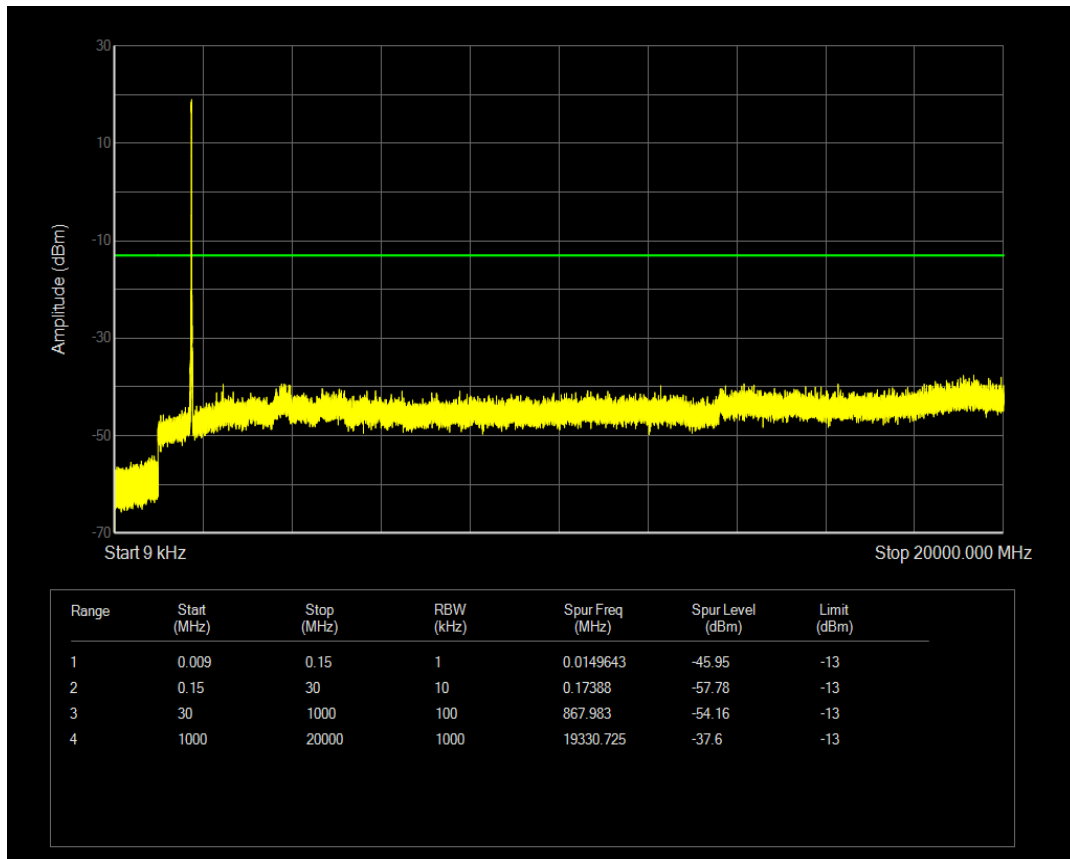
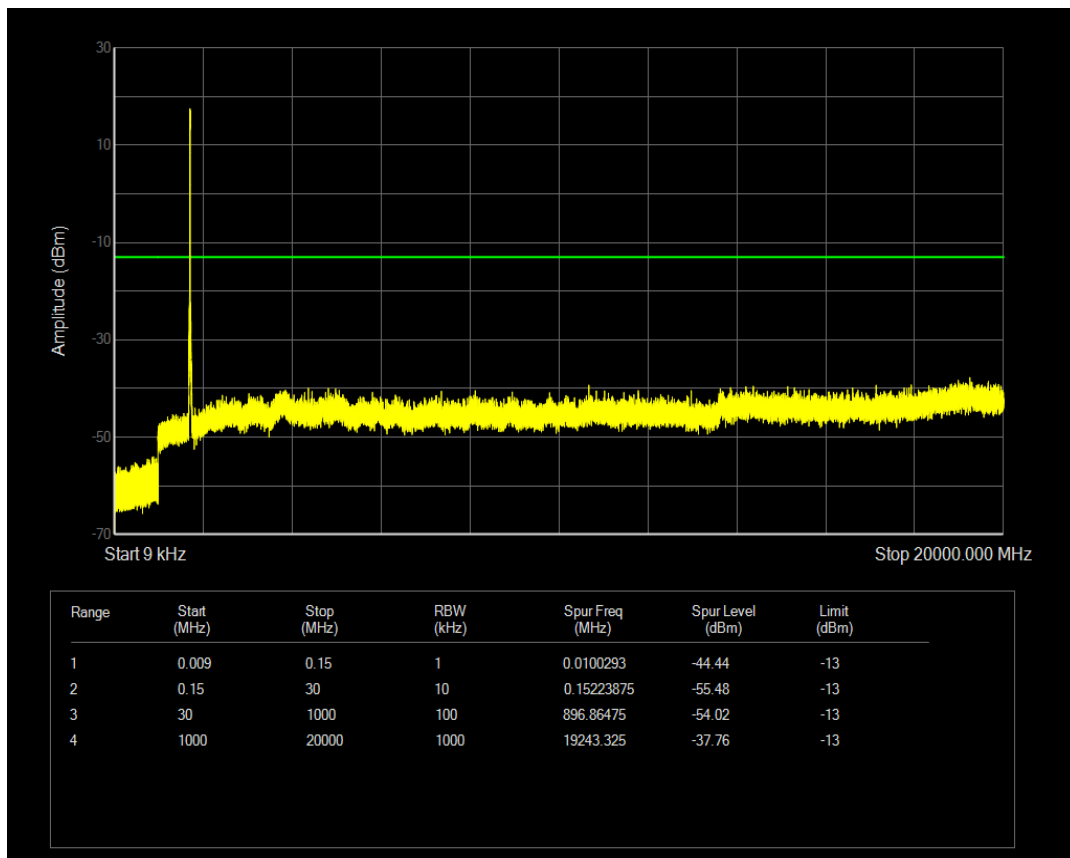
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QAM16	19197.73	-37.11	-13	PASS
Band4	1.4	20393	6	#0	QAM16	19072.80	-36.88	-13	PASS
Band4	3	19965	15	#0	QAM16	18895.63	-38.07	-13	PASS
Band4	3	20385	15	#0	QAM16	19496.03	-37.77	-13	PASS
Band4	5	19975	25	#0	QAM16	19307.93	-37.59	-13	PASS
Band4	5	20375	25	#0	QAM16	19817.13	-37.02	-13	PASS
Band4	10	20000	50	#0	QAM16	18752.18	-37.03	-13	PASS
Band4	10	20350	50	#0	QAM16	19330.73	-37.60	-13	PASS
Band4	15	20025	75	#0	QAM16	19243.33	-37.76	-13	PASS
Band4	15	20325	75	#0	QAM16	19297.48	-37.87	-13	PASS
Band4	20	20050	100	#0	QAM16	19226.23	-37.96	-13	PASS
Band4	20	20300	100	#0	QAM16	18860.95	-37.26	-13	PASS

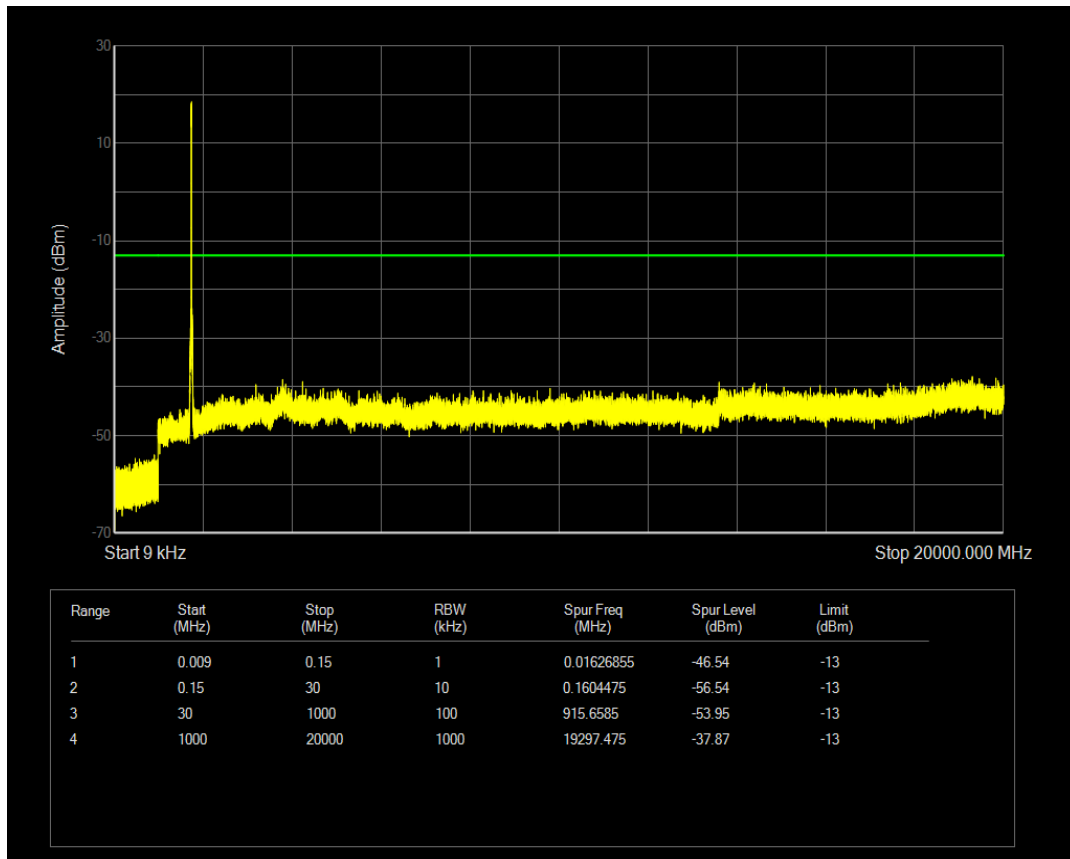
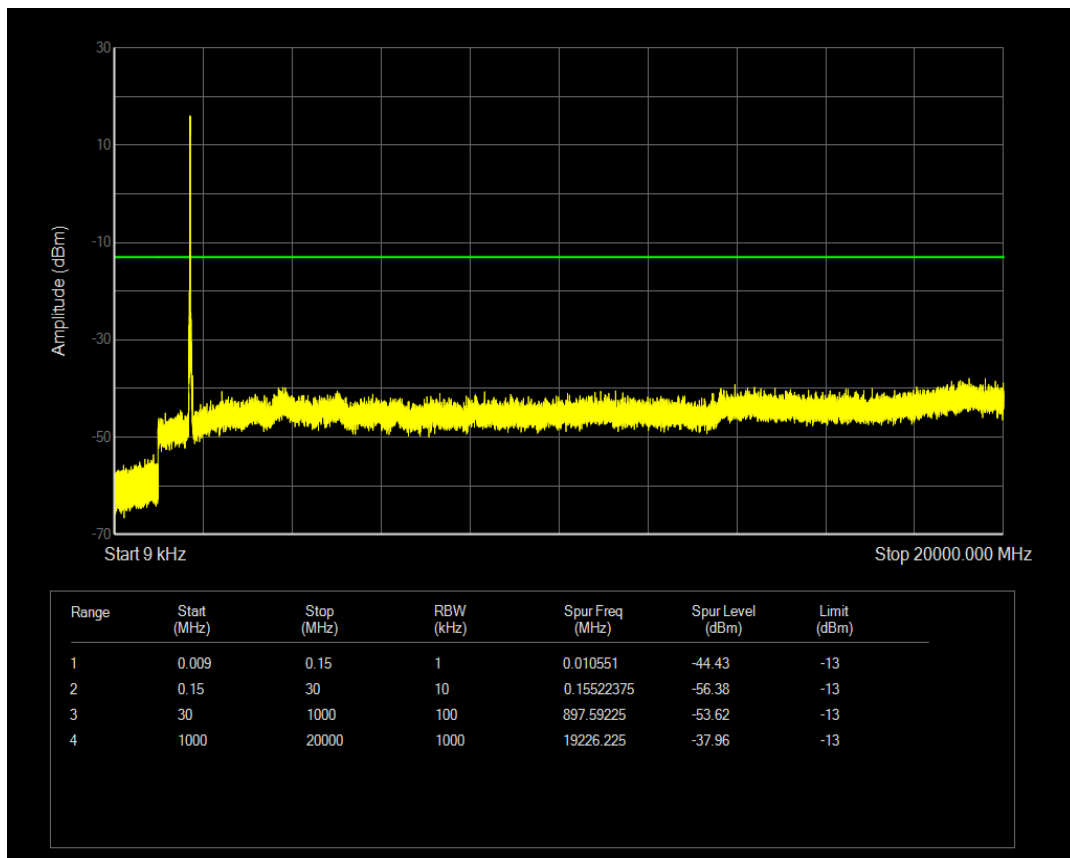
Band4 QAM16 BW=1.4MHz Channel=19957 RB Size=6 Position=#0

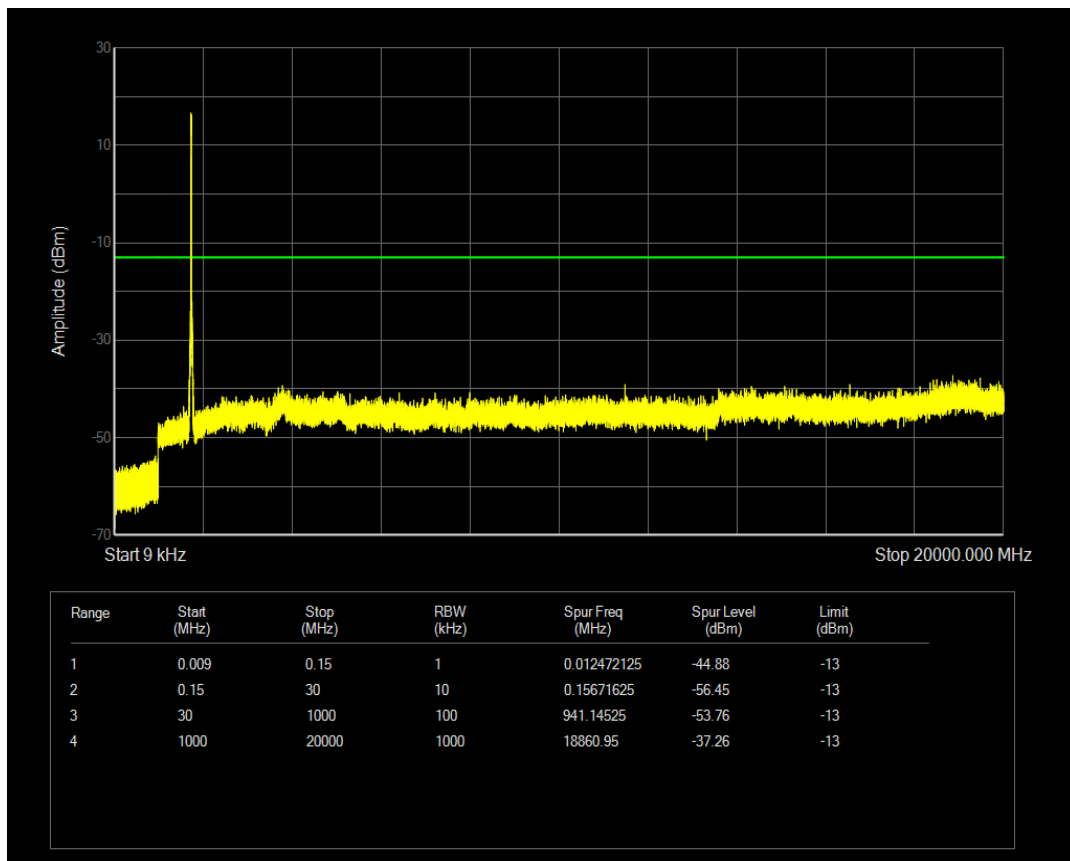
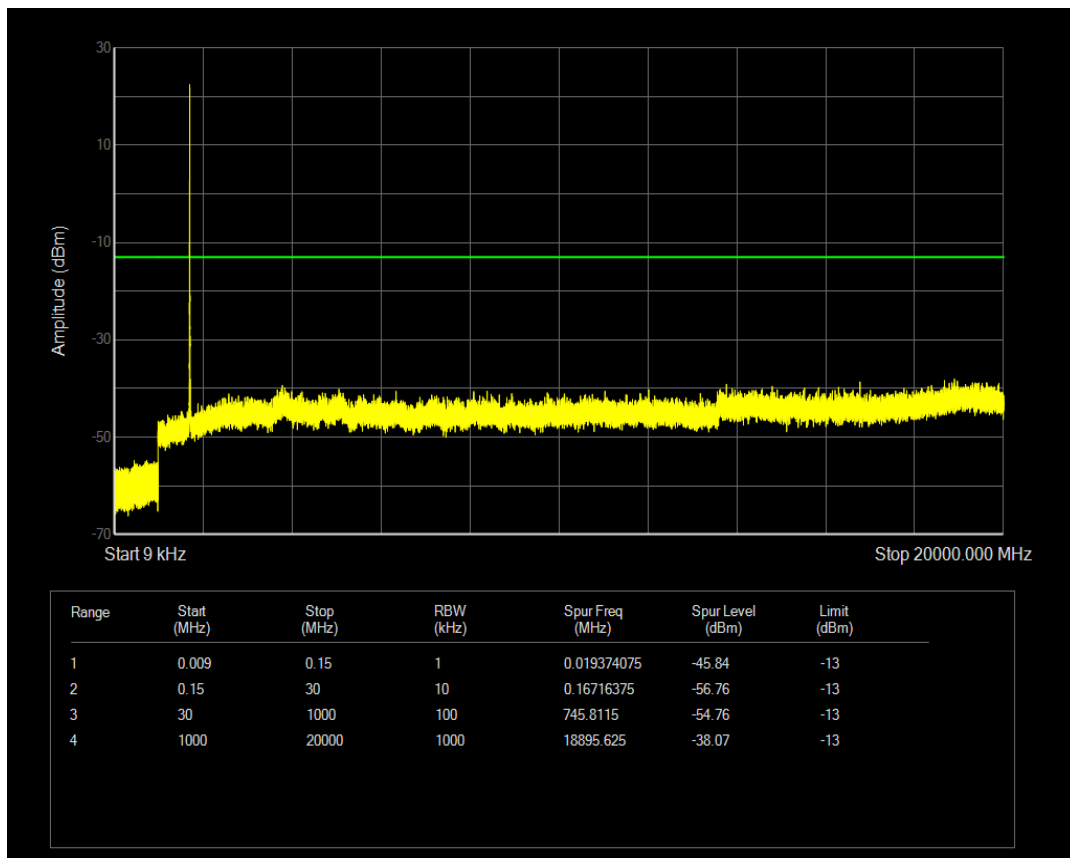


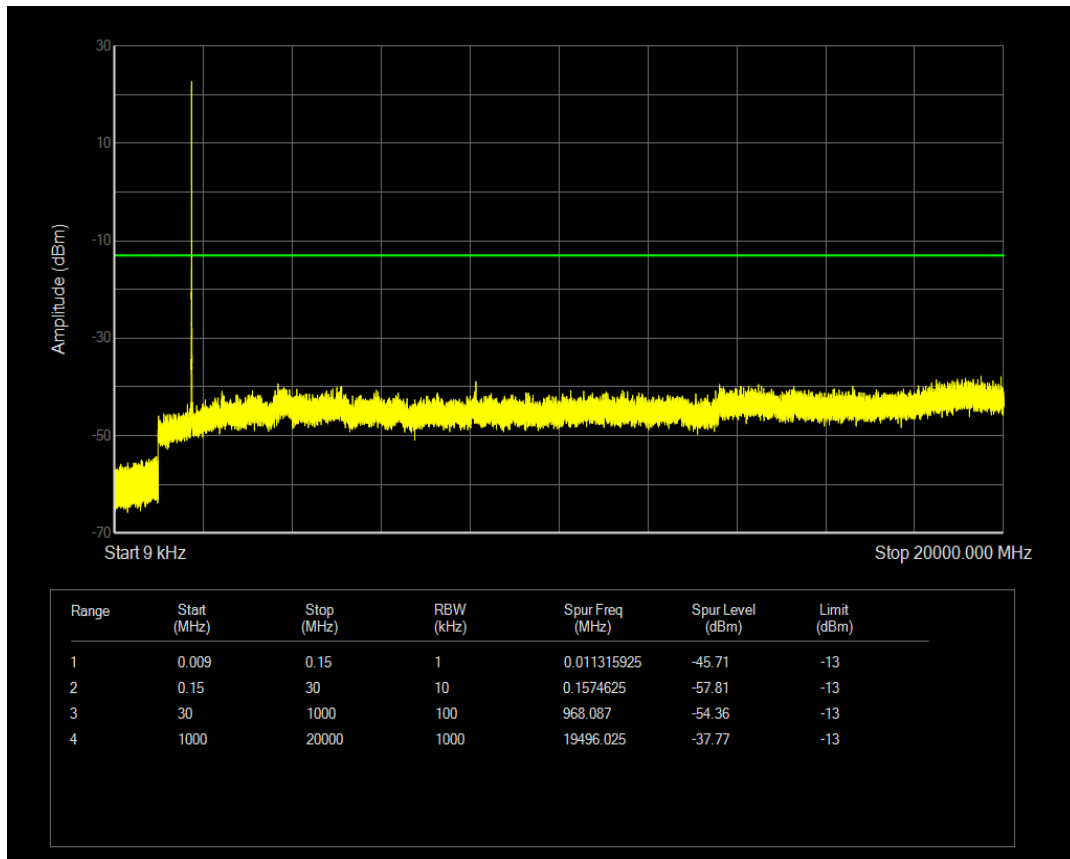
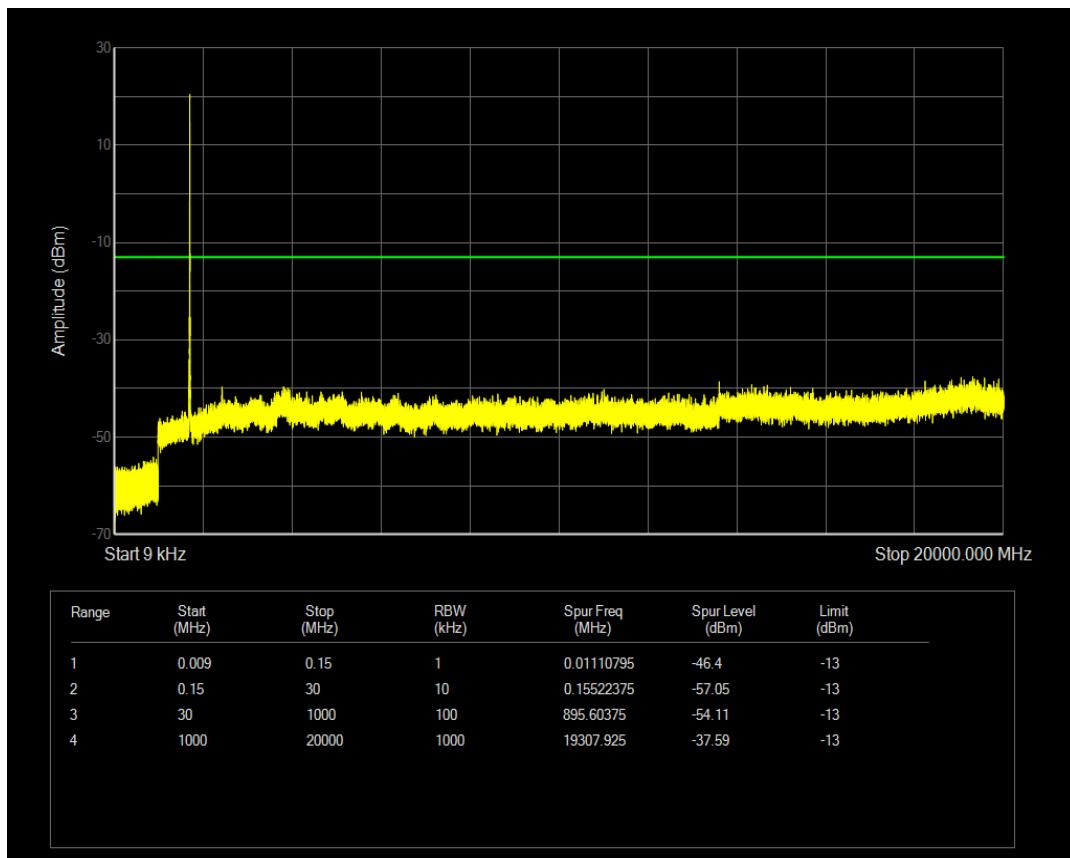
Band4 QAM16 BW=1.4MHz Channel=20393 RB Size=6 Position=#0

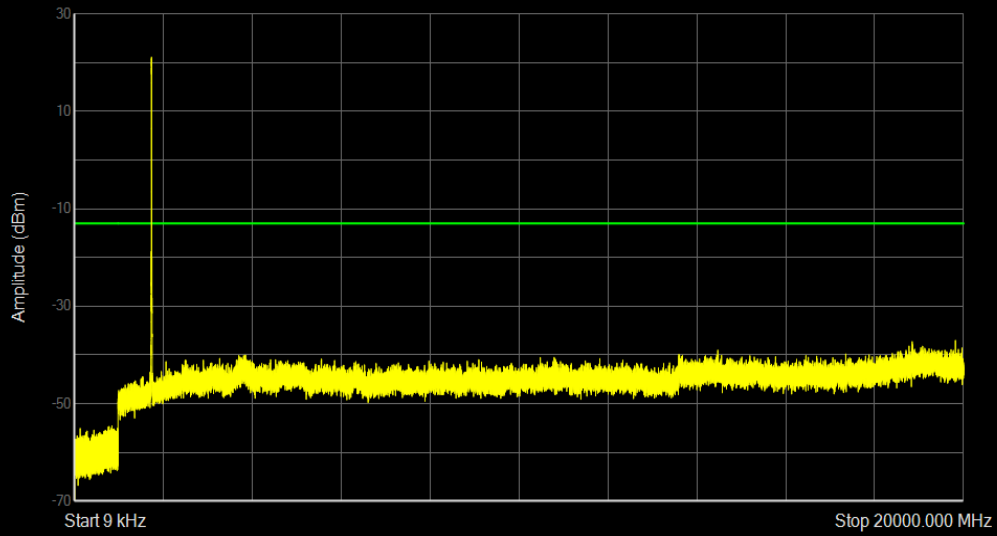
**Band4 QAM16 BW=10MHz Channel=20000 RB Size=50 Position=#0****Band4 QAM16 BW=10MHz Channel=20350 RB Size=50 Position=#0**

**Band4 QAM16 BW=15MHz Channel=20025 RB Size=75 Position=#0****Band4 QAM16 BW=15MHz Channel=20325 RB Size=75 Position=#0**

**Band4 QAM16 BW=20MHz Channel=20050 RB Size=100 Position=#0****Band4 QAM16 BW=20MHz Channel=20300 RB Size=100 Position=#0**

**Band4 QAM16 BW=3MHz Channel=19965 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 QAM16 BW=5MHz Channel=20375 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	0.018894675	-45.12	-13
2	0.15	30	10	0.1544775	-56.45	-13
3	30	1000	100	865.461	-54.57	-13
4	1000	20000	1000	19817.125	-37.02	-13