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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
Band38	5	37775	1	#0	QAM16	19.40	1.3	20.70	33.01	PASS
Band38	5	37775	1	#Mid	QAM16	19.34	1.3	20.64	33.01	PASS
Band38	5	37775	1	#Max	QAM16	19.35	1.3	20.65	33.01	PASS
Band38	5	37775	12	#0	QAM16	18.54	1.3	19.84	33.01	PASS
Band38	5	37775	12	#Mid	QAM16	18.57	1.3	19.87	33.01	PASS
Band38	5	37775	12	#Max	QAM16	18.60	1.3	19.90	33.01	PASS
Band38	5	37775	25	#0	QAM16	18.48	1.3	19.78	33.01	PASS
Band38	5	38000	1	#0	QAM16	20.09	1.3	21.39	33.01	PASS
Band38	5	38000	1	#Mid	QAM16	20.04	1.3	21.34	33.01	PASS
Band38	5	38000	1	#Max	QAM16	20.04	1.3	21.34	33.01	PASS
Band38	5	38000	12	#0	QAM16	18.61	1.3	19.91	33.01	PASS
Band38	5	38000	12	#Mid	QAM16	18.59	1.3	19.89	33.01	PASS
Band38	5	38000	12	#Max	QAM16	18.47	1.3	19.77	33.01	PASS
Band38	5	38000	25	#0	QAM16	18.68	1.3	19.98	33.01	PASS
Band38	5	38225	1	#0	QAM16	19.03	1.3	20.33	33.01	PASS
Band38	5	38225	1	#Mid	QAM16	18.98	1.3	20.28	33.01	PASS
Band38	5	38225	1	#Max	QAM16	19.04	1.3	20.34	33.01	PASS
Band38	5	38225	12	#0	QAM16	18.41	1.3	19.71	33.01	PASS
Band38	5	38225	12	#Mid	QAM16	18.34	1.3	19.64	33.01	PASS
Band38	5	38225	12	#Max	QAM16	18.42	1.3	19.72	33.01	PASS
Band38	5	38225	25	#0	QAM16	18.57	1.3	19.87	33.01	PASS
Band38	10	37800	1	#0	QAM16	20.33	1.3	21.63	33.01	PASS
Band38	10	37800	1	#Mid	QAM16	20.32	1.3	21.62	33.01	PASS
Band38	10	37800	1	#Max	QAM16	20.30	1.3	21.60	33.01	PASS
Band38	10	37800	25	#0	QAM16	18.51	1.3	19.81	33.01	PASS
Band38	10	37800	25	#Mid	QAM16	18.49	1.3	19.79	33.01	PASS
Band38	10	37800	25	#Max	QAM16	18.56	1.3	19.86	33.01	PASS
Band38	10	37800	50	#0	QAM16	18.66	1.3	19.96	33.01	PASS
Band38	10	38000	1	#0	QAM16	19.79	1.3	21.09	33.01	PASS
Band38	10	38000	1	#Mid	QAM16	19.59	1.3	20.89	33.01	PASS
Band38	10	38000	1	#Max	QAM16	19.68	1.3	20.98	33.01	PASS
Band38	10	38000	25	#0	QAM16	18.61	1.3	19.91	33.01	PASS
Band38	10	38000	25	#Mid	QAM16	18.63	1.3	19.93	33.01	PASS
Band38	10	38000	25	#Max	QAM16	18.62	1.3	19.92	33.01	PASS
Band38	10	38000	50	#0	QAM16	18.50	1.3	19.80	33.01	PASS
Band38	10	38200	1	#0	QAM16	19.72	1.3	21.02	33.01	PASS
Band38	10	38200	1	#Mid	QAM16	19.69	1.3	20.99	33.01	PASS

Band38	10	38200	1	#Max	QAM16	19.71	1.3	21.01	33.01	PASS
Band38	10	38200	25	#0	QAM16	18.59	1.3	19.89	33.01	PASS
Band38	10	38200	25	#Mid	QAM16	18.57	1.3	19.87	33.01	PASS
Band38	10	38200	25	#Max	QAM16	18.67	1.3	19.97	33.01	PASS
Band38	10	38200	50	#0	QAM16	18.42	1.3	19.72	33.01	PASS
Band38	15	37825	1	#0	QAM16	20.10	1.3	21.40	33.01	PASS
Band38	15	37825	1	#Mid	QAM16	19.88	1.3	21.18	33.01	PASS
Band38	15	37825	1	#Max	QAM16	19.93	1.3	21.23	33.01	PASS
Band38	15	37825	36	#0	QAM16	18.58	1.3	19.88	33.01	PASS
Band38	15	37825	36	#Mid	QAM16	18.55	1.3	19.85	33.01	PASS
Band38	15	37825	36	#Max	QAM16	18.56	1.3	19.86	33.01	PASS
Band38	15	37825	75	#0	QAM16	18.52	1.3	19.82	33.01	PASS
Band38	15	38000	1	#0	QAM16	19.76	1.3	21.06	33.01	PASS
Band38	15	38000	1	#Mid	QAM16	19.58	1.3	20.88	33.01	PASS
Band38	15	38000	1	#Max	QAM16	19.56	1.3	20.86	33.01	PASS
Band38	15	38000	36	#0	QAM16	18.51	1.3	19.81	33.01	PASS
Band38	15	38000	36	#Mid	QAM16	18.51	1.3	19.81	33.01	PASS
Band38	15	38000	36	#Max	QAM16	18.47	1.3	19.77	33.01	PASS
Band38	15	38000	75	#0	QAM16	18.52	1.3	19.82	33.01	PASS
Band38	15	38175	1	#0	QAM16	19.46	1.3	20.76	33.01	PASS
Band38	15	38175	1	#Mid	QAM16	19.41	1.3	20.71	33.01	PASS
Band38	15	38175	1	#Max	QAM16	19.45	1.3	20.75	33.01	PASS
Band38	15	38175	36	#0	QAM16	18.42	1.3	19.72	33.01	PASS
Band38	15	38175	36	#Mid	QAM16	18.37	1.3	19.67	33.01	PASS
Band38	15	38175	36	#Max	QAM16	18.45	1.3	19.75	33.01	PASS
Band38	15	38175	75	#0	QAM16	18.48	1.3	19.78	33.01	PASS
Band38	20	37850	1	#0	QAM16	19.50	1.3	20.80	33.01	PASS
Band38	20	37850	1	#Mid	QAM16	19.42	1.3	20.72	33.01	PASS
Band38	20	37850	1	#Max	QAM16	19.37	1.3	20.67	33.01	PASS
Band38	20	37850	50	#0	QAM16	18.74	1.3	20.04	33.01	PASS
Band38	20	37850	50	#Mid	QAM16	18.76	1.3	20.06	33.01	PASS
Band38	20	37850	50	#Max	QAM16	18.71	1.3	20.01	33.01	PASS
Band38	20	37850	100	#0	QAM16	18.58	1.3	19.88	33.01	PASS
Band38	20	38000	1	#0	QAM16	19.40	1.3	20.70	33.01	PASS
Band38	20	38000	1	#Mid	QAM16	19.27	1.3	20.57	33.01	PASS
Band38	20	38000	1	#Max	QAM16	19.10	1.3	20.40	33.01	PASS
Band38	20	38000	50	#0	QAM16	18.63	1.3	19.93	33.01	PASS
Band38	20	38000	50	#Mid	QAM16	18.48	1.3	19.78	33.01	PASS
Band38	20	38000	50	#Max	QAM16	18.59	1.3	19.89	33.01	PASS
Band38	20	38000	100	#0	QAM16	18.32	1.3	19.62	33.01	PASS
Band38	20	38150	1	#0	QAM16	20.18	1.3	21.48	33.01	PASS
Band38	20	38150	1	#Mid	QAM16	20.08	1.3	21.38	33.01	PASS
Band38	20	38150	1	#Max	QAM16	20.12	1.3	21.42	33.01	PASS
Band38	20	38150	50	#0	QAM16	18.48	1.3	19.78	33.01	PASS

Band38	20	38150	50	#Mid	QAM16	18.40	1.3	19.70	33.01	PASS
Band38	20	38150	50	#Max	QAM16	18.35	1.3	19.65	33.01	PASS
Band38	20	38150	100	#0	QAM16	18.49	1.3	19.79	33.01	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>
Band38	20	37850	100	#0	QAM16	21.75	0.00843	-2.5	2.5	PASS
Band38	20	38000	100	#0	QAM16	36.06	0.01390	-2.5	2.5	PASS
Band38	20	38150	100	#0	QAM16	5.06	0.00194	-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
Band38	5	38000	1	#0	QAM16	10.25	13	PASS
Band38	10	38000	1	#0	QAM16	8.64	13	PASS
Band38	15	38000	1	#0	QAM16	9.79	13	PASS
Band38	20	38000	1	#0	QAM16	8.42	13	PASS

Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0



Band38 QAM16 BW=15MHz Channel=38000 RB Size=1 Position=#0

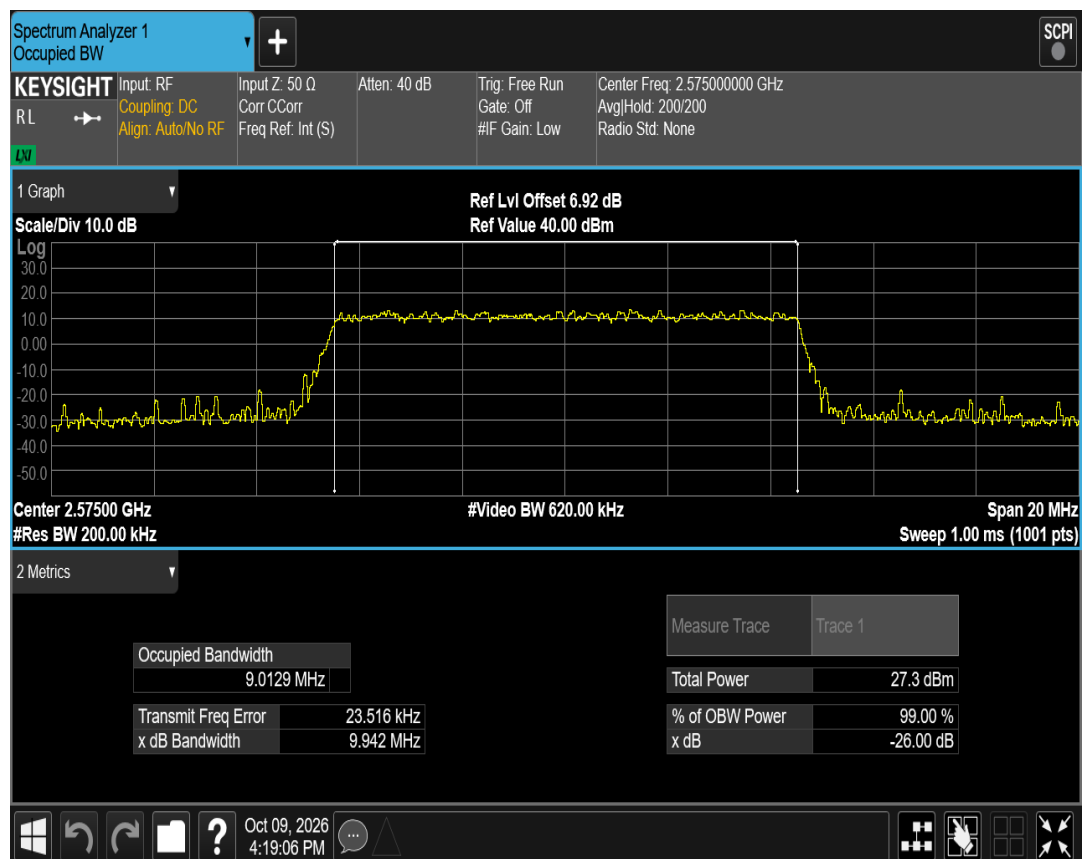
**Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0****Band38 QAM16 BW=5MHz Channel=38000 RB Size=1 Position=#0**



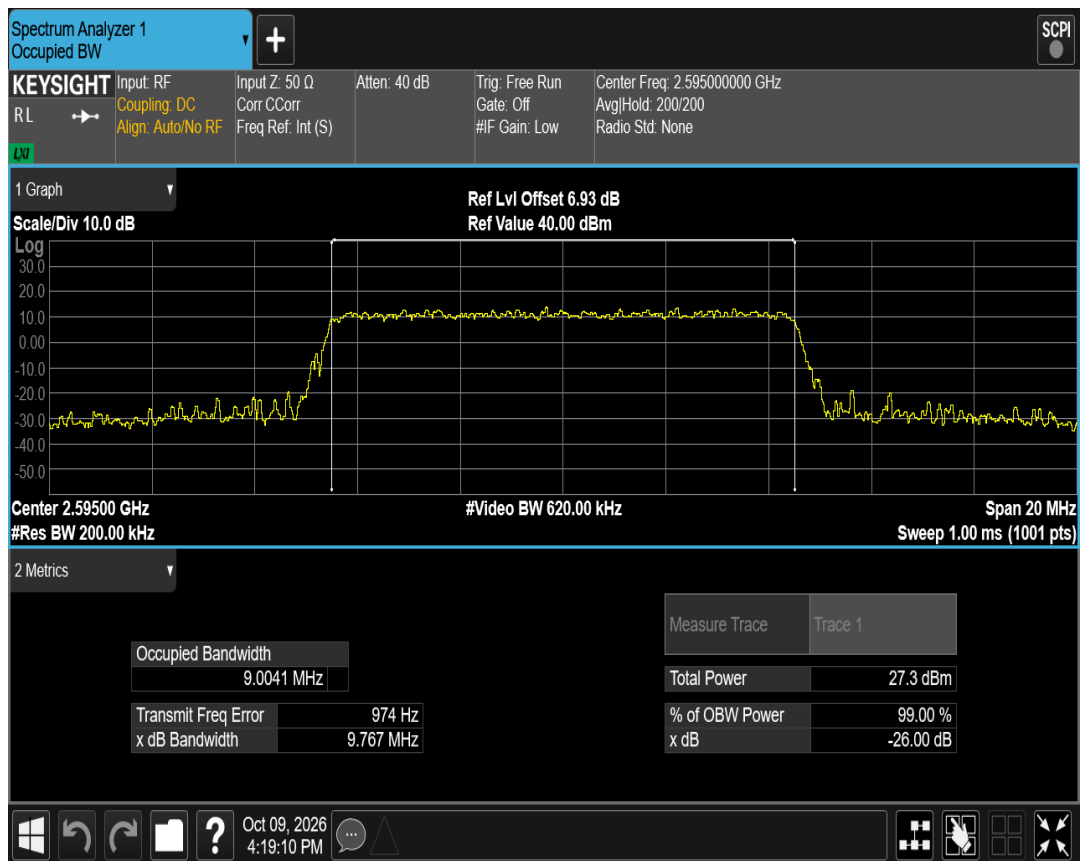
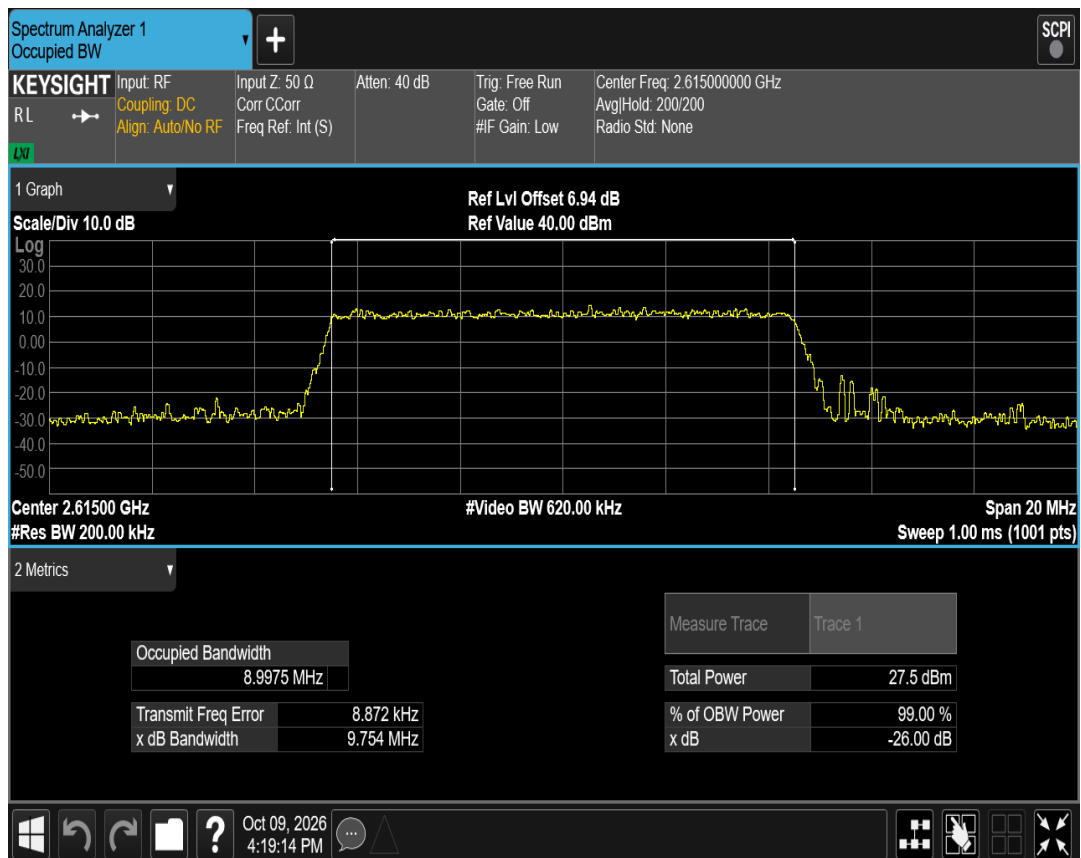
4 Occupied bandwidth

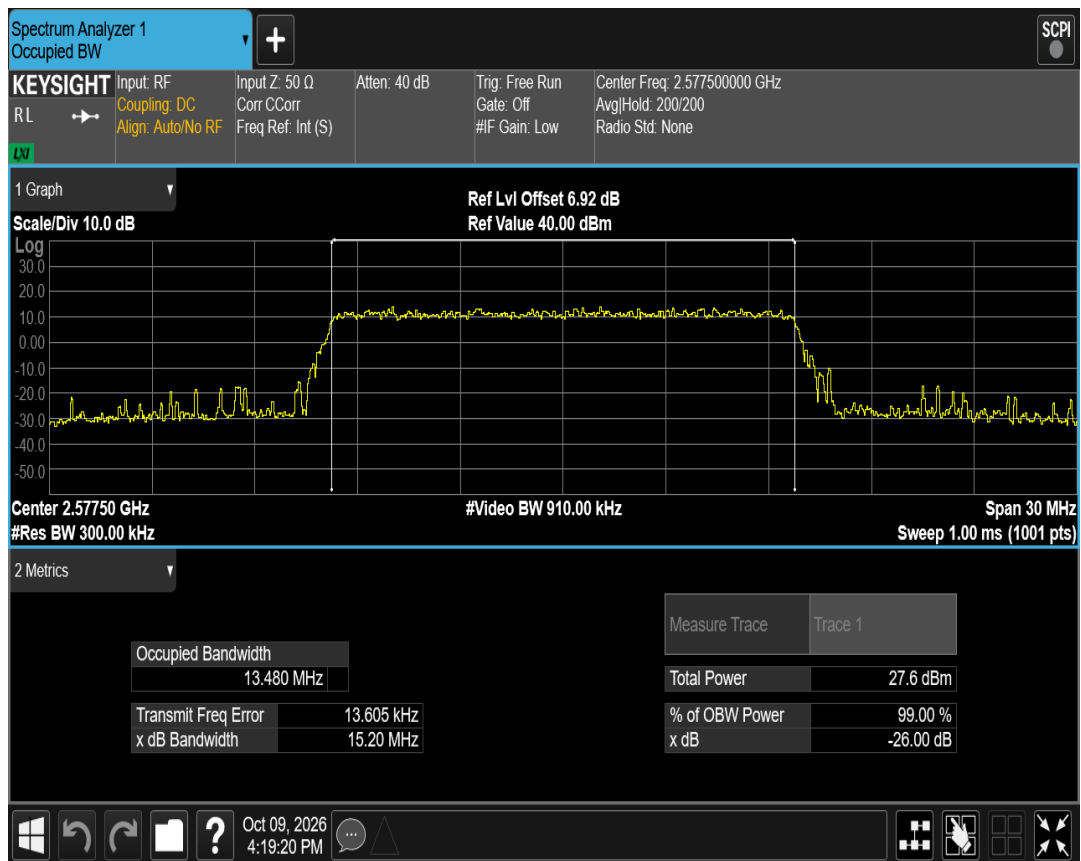
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band38	5	37775	25	#0	QAM16	4.491	4.912	PASS
Band38	5	38000	25	#0	QAM16	4.498	4.966	PASS
Band38	5	38225	25	#0	QAM16	4.491	5.022	PASS
Band38	10	37800	50	#0	QAM16	9.013	9.942	PASS
Band38	10	38000	50	#0	QAM16	9.004	9.767	PASS
Band38	10	38200	50	#0	QAM16	8.997	9.754	PASS
Band38	15	37825	75	#0	QAM16	13.480	15.199	PASS
Band38	15	38000	75	#0	QAM16	13.466	14.956	PASS
Band38	15	38175	75	#0	QAM16	13.543	15.253	PASS
Band38	20	37850	100	#0	QAM16	17.963	19.708	PASS
Band38	20	38000	100	#0	QAM16	18.020	19.590	PASS
Band38	20	38150	100	#0	QAM16	17.991	19.613	PASS

Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0

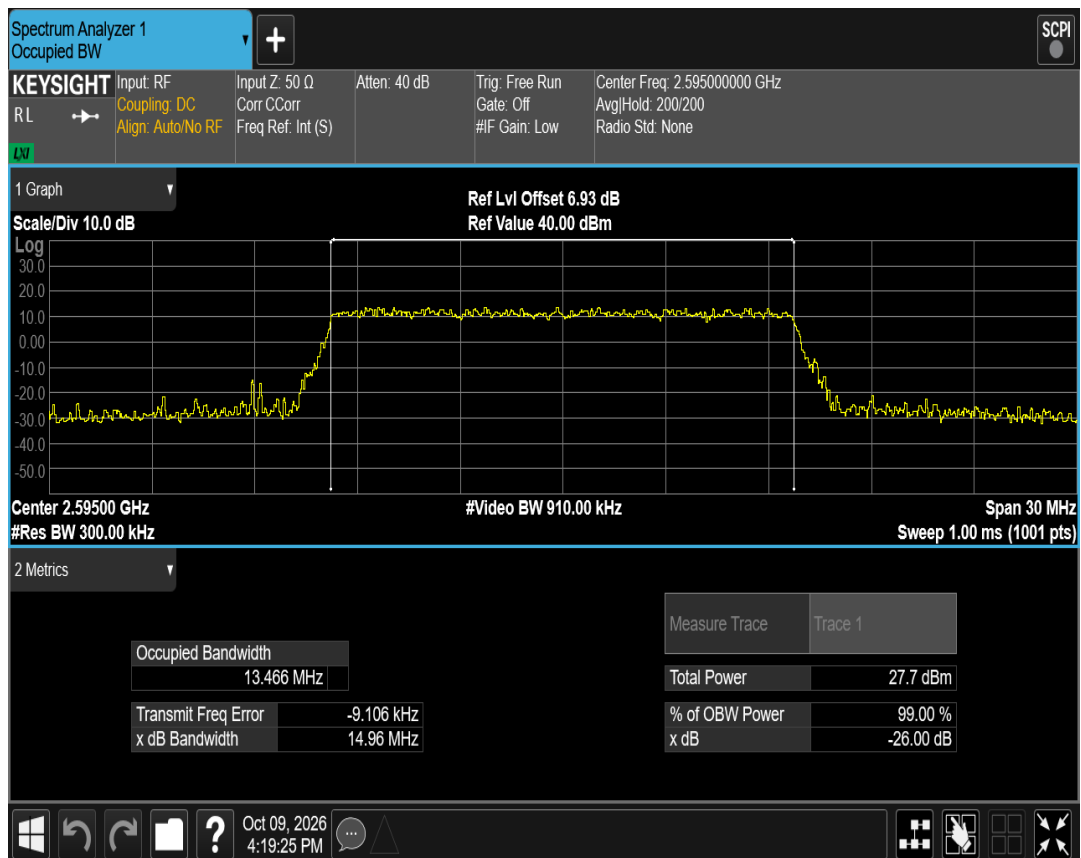


Band38 QAM16 BW=10MHz Channel=38000 RB Size=50 Position=#0

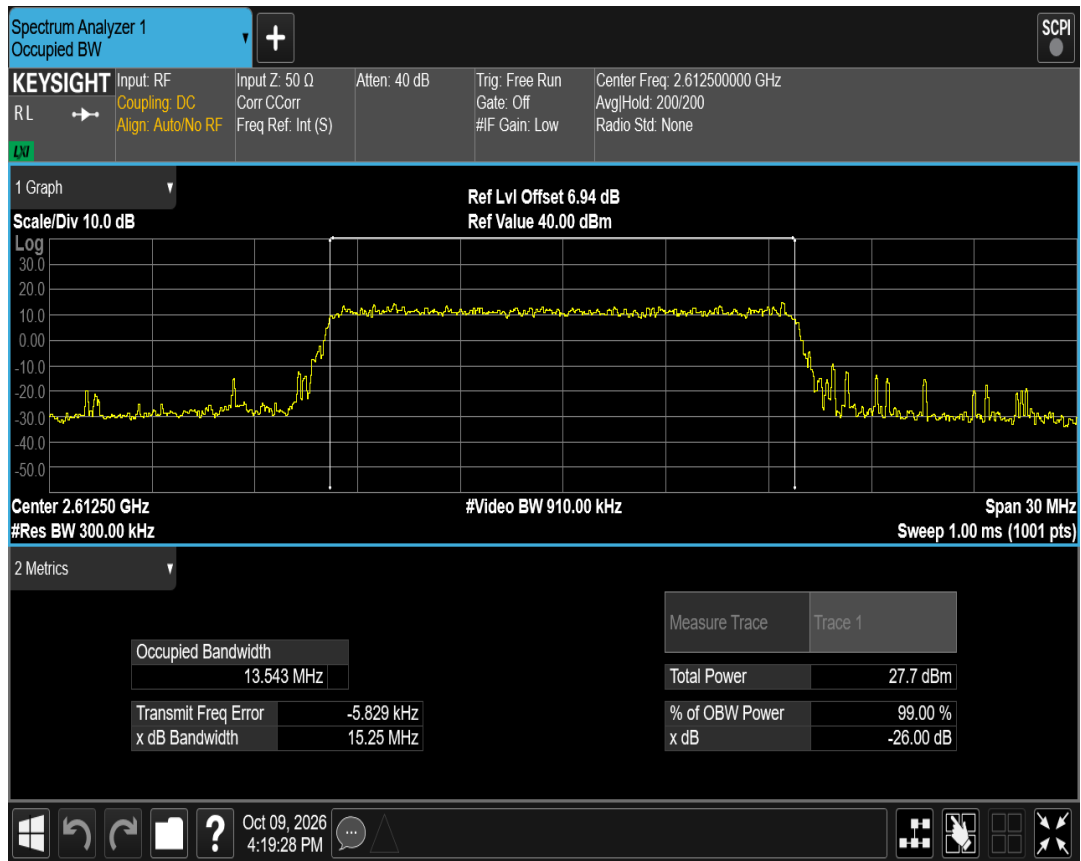
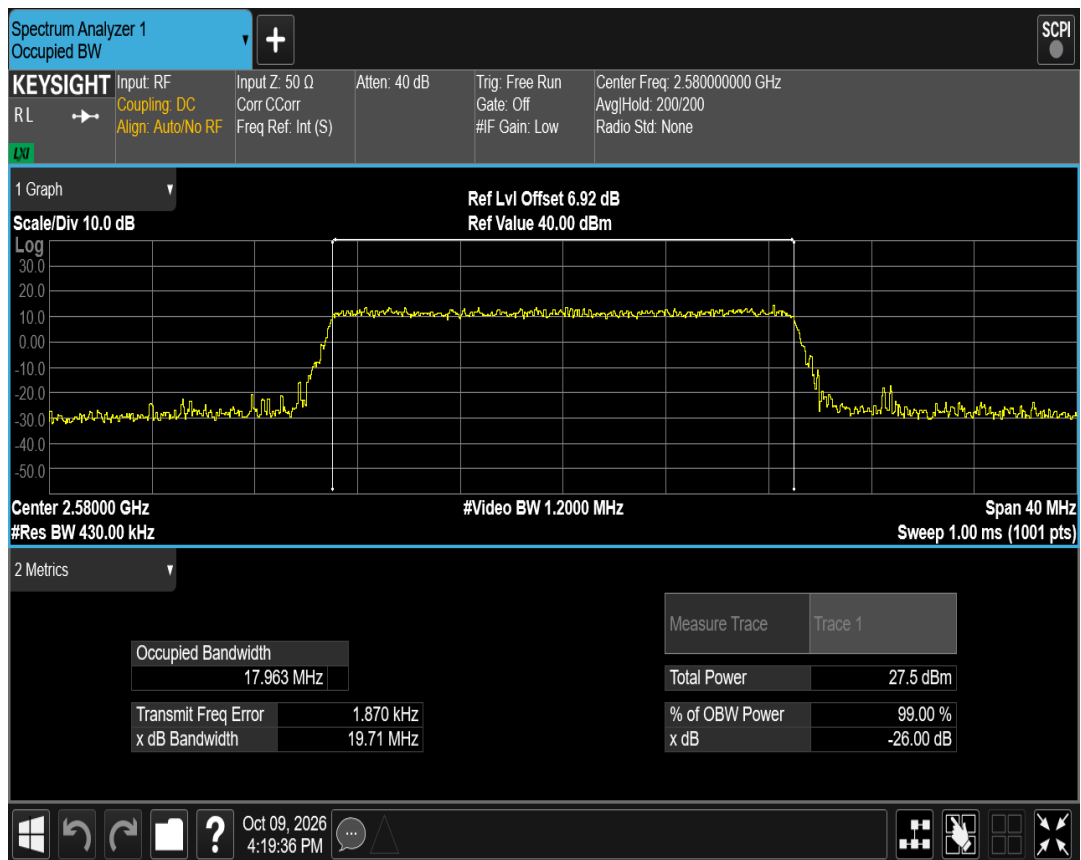
**Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0****Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0**

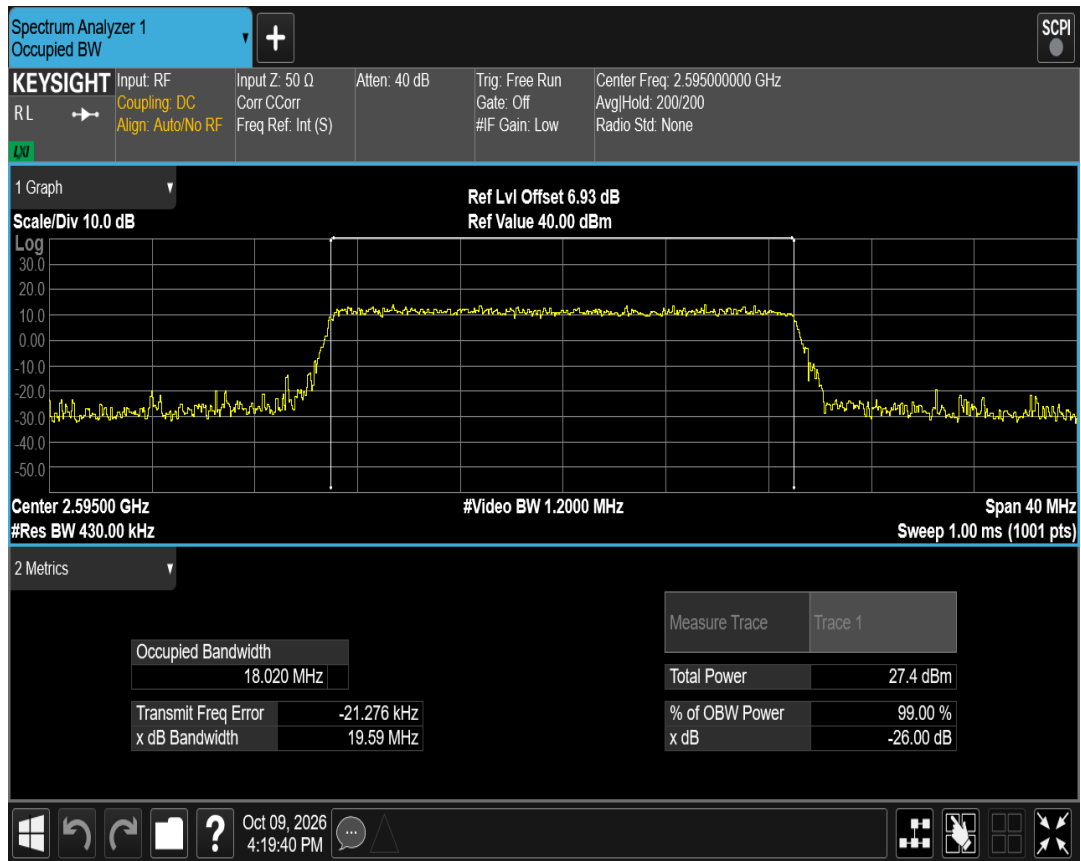


Band38 QAM16 BW=15MHz Channel=38000 RB Size=75 Position=#0

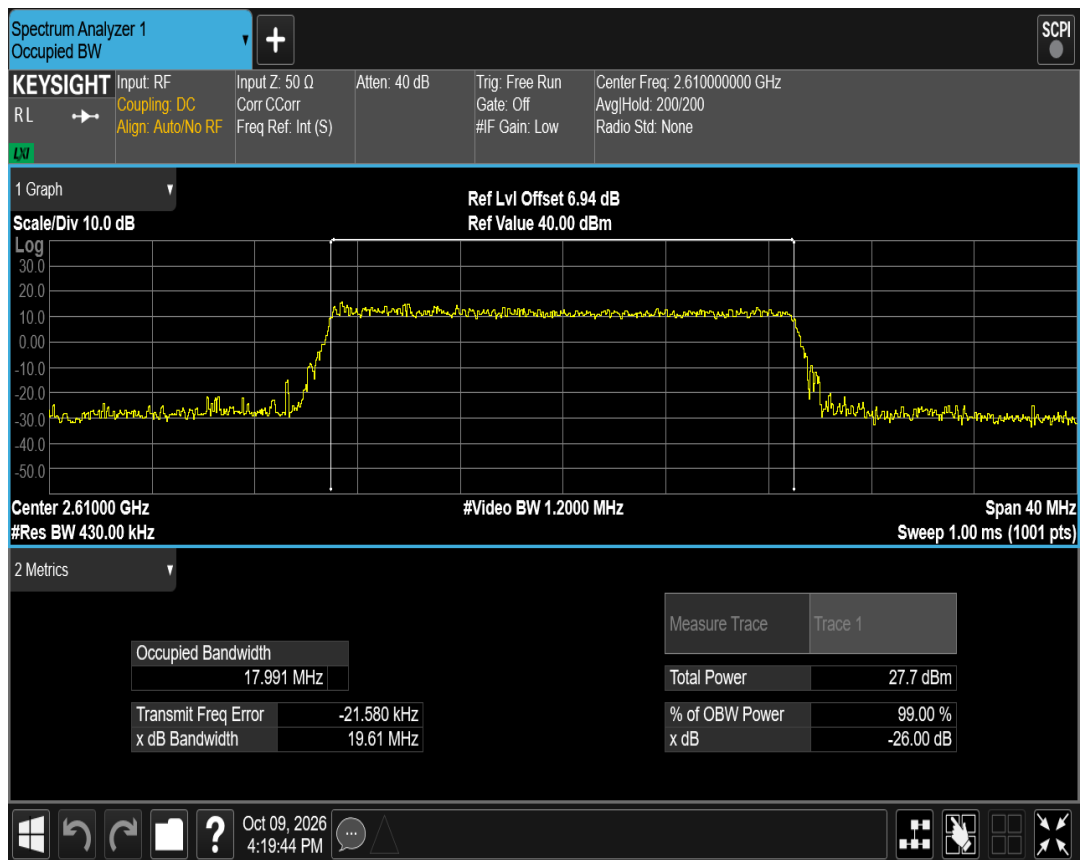


Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0

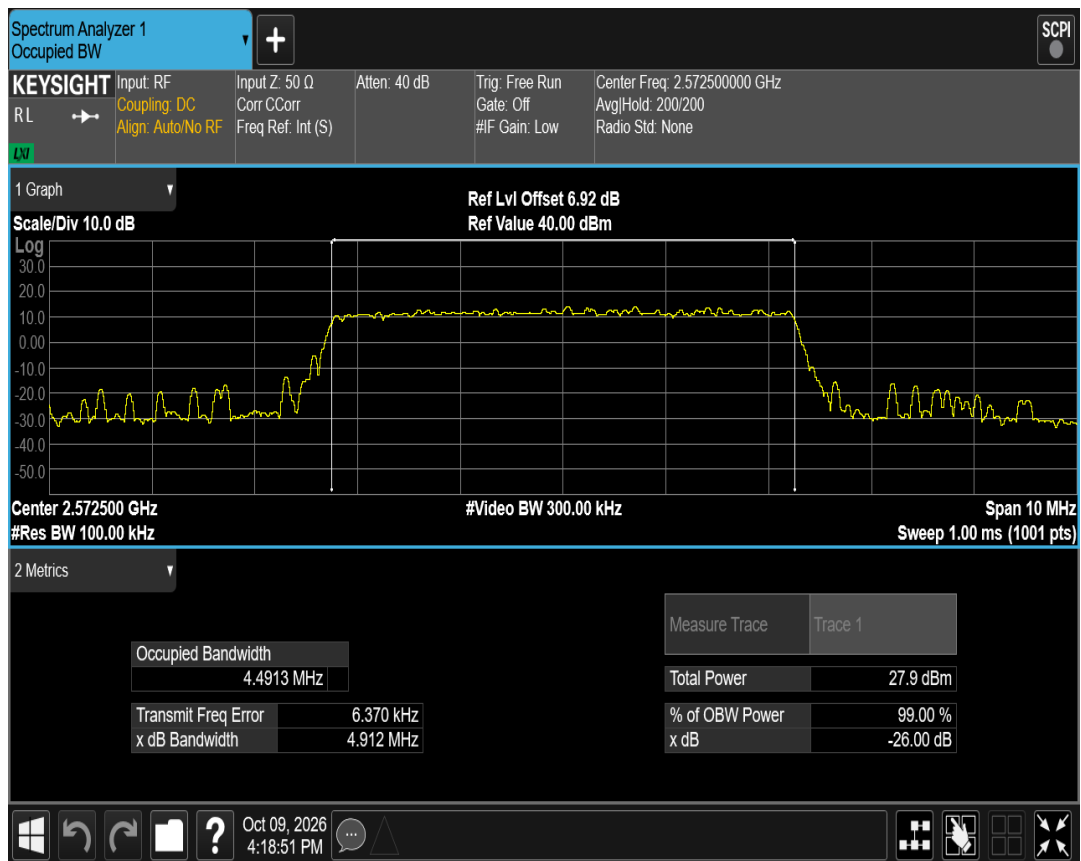
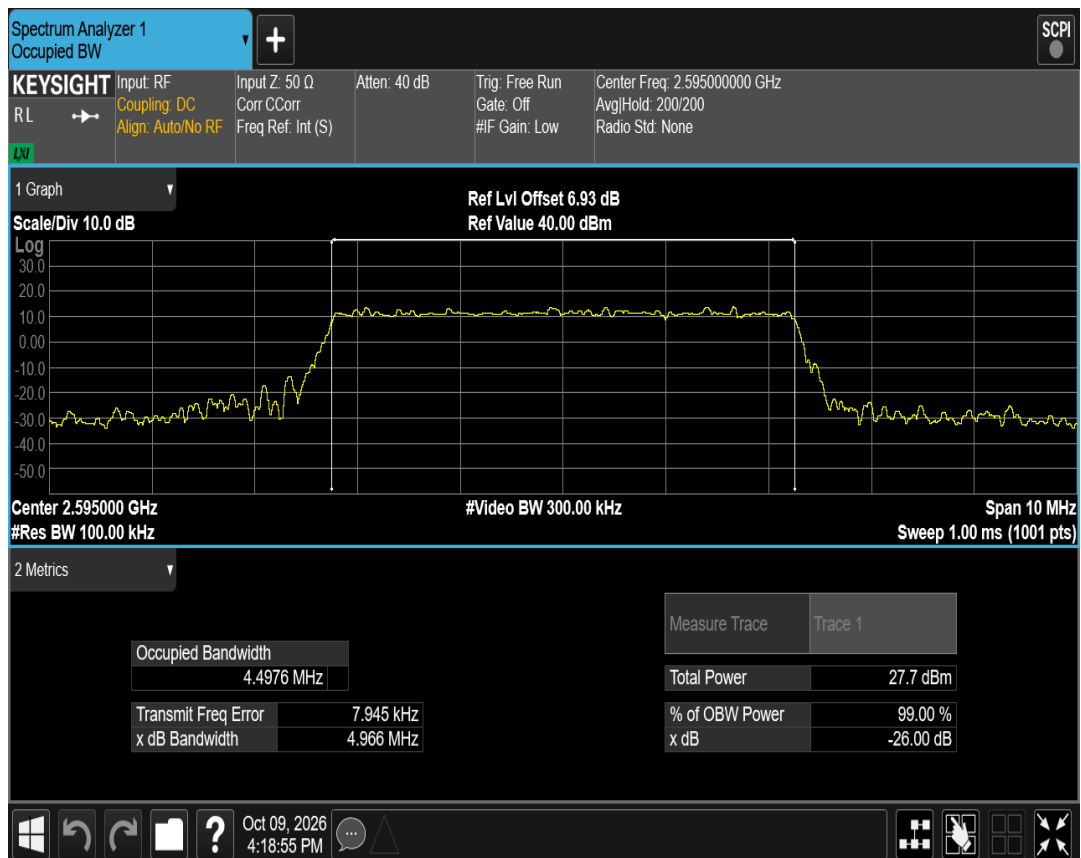
**Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0****Band38 QAM16 BW=20MHz Channel=38000 RB Size=100 Position=#0**

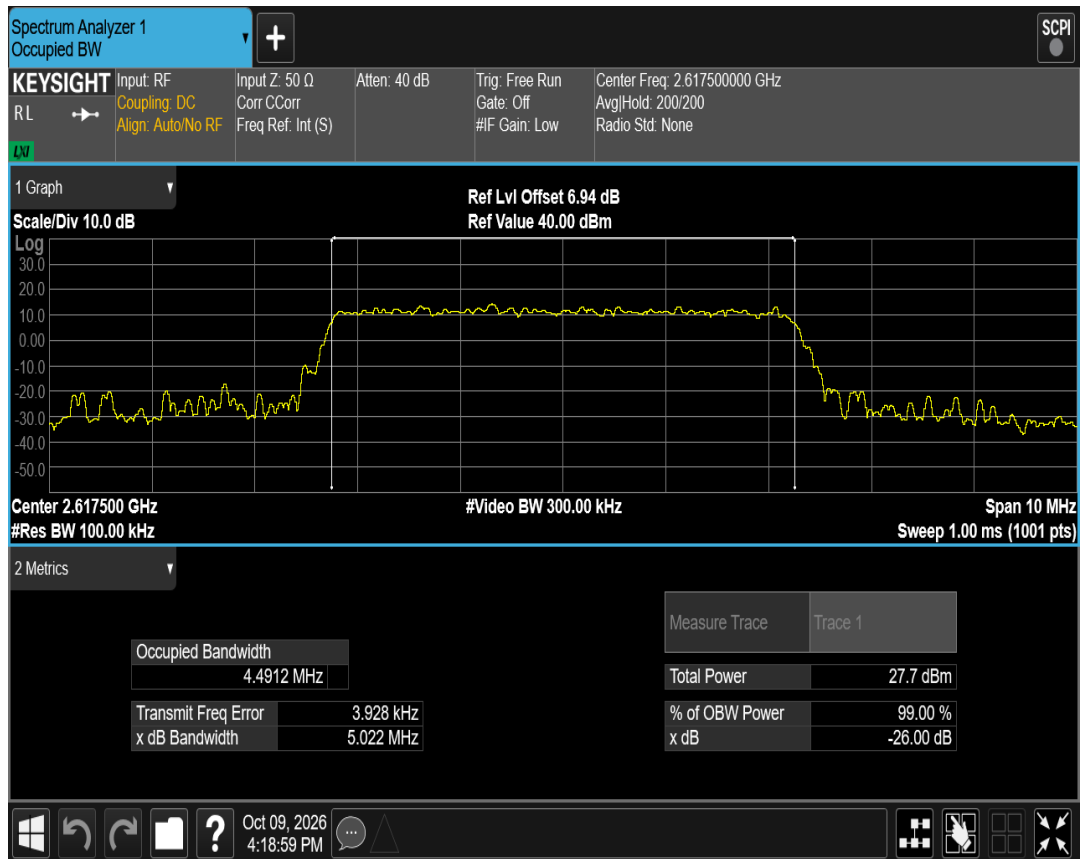


Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0



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

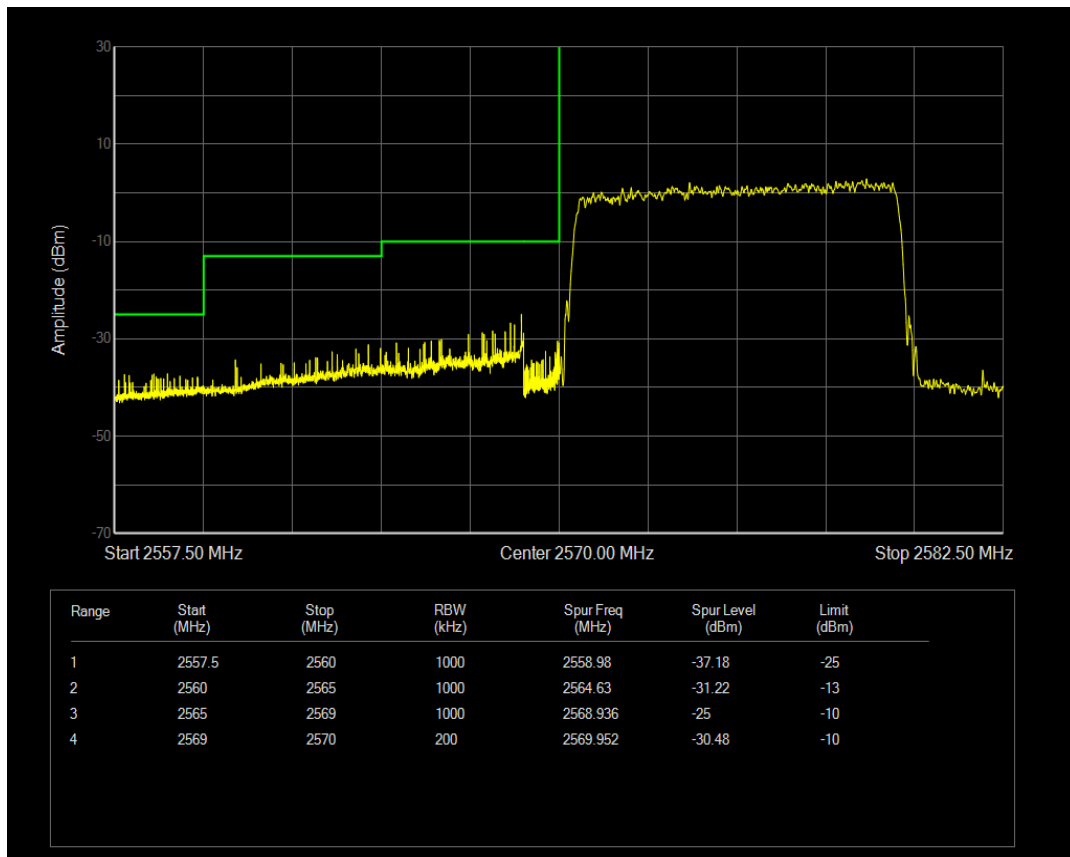
**Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0****Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0**



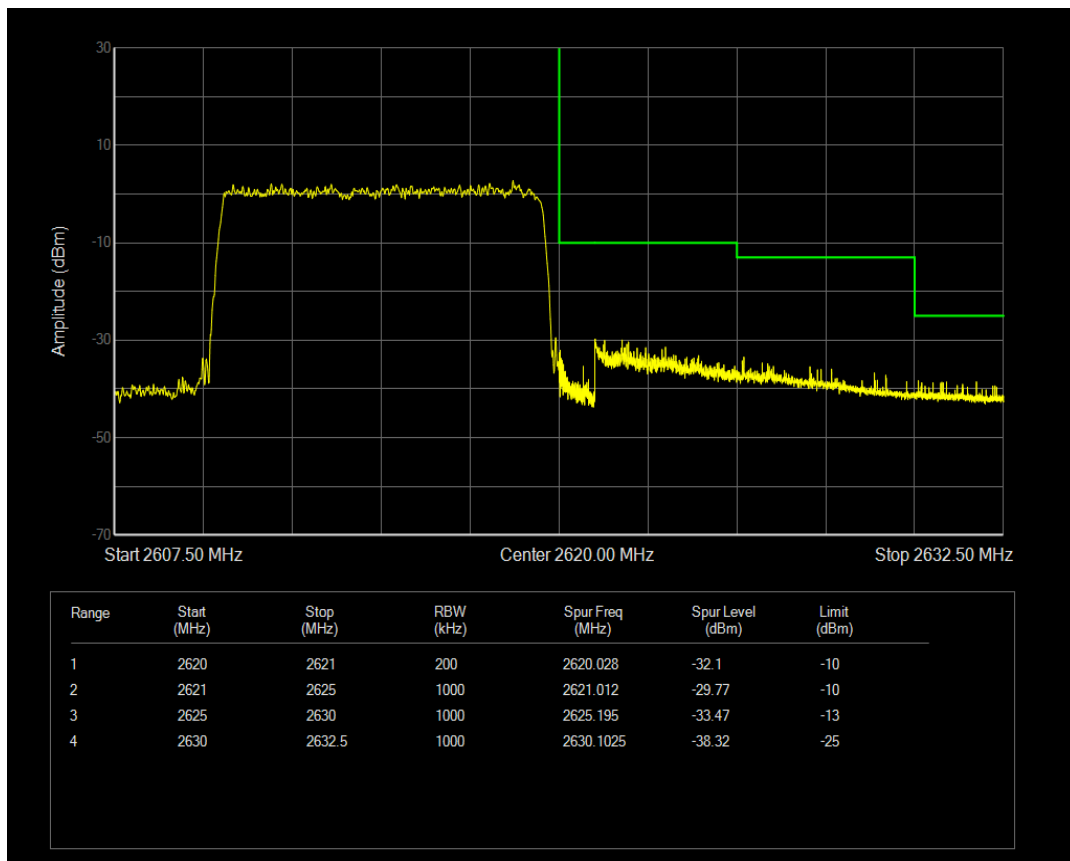
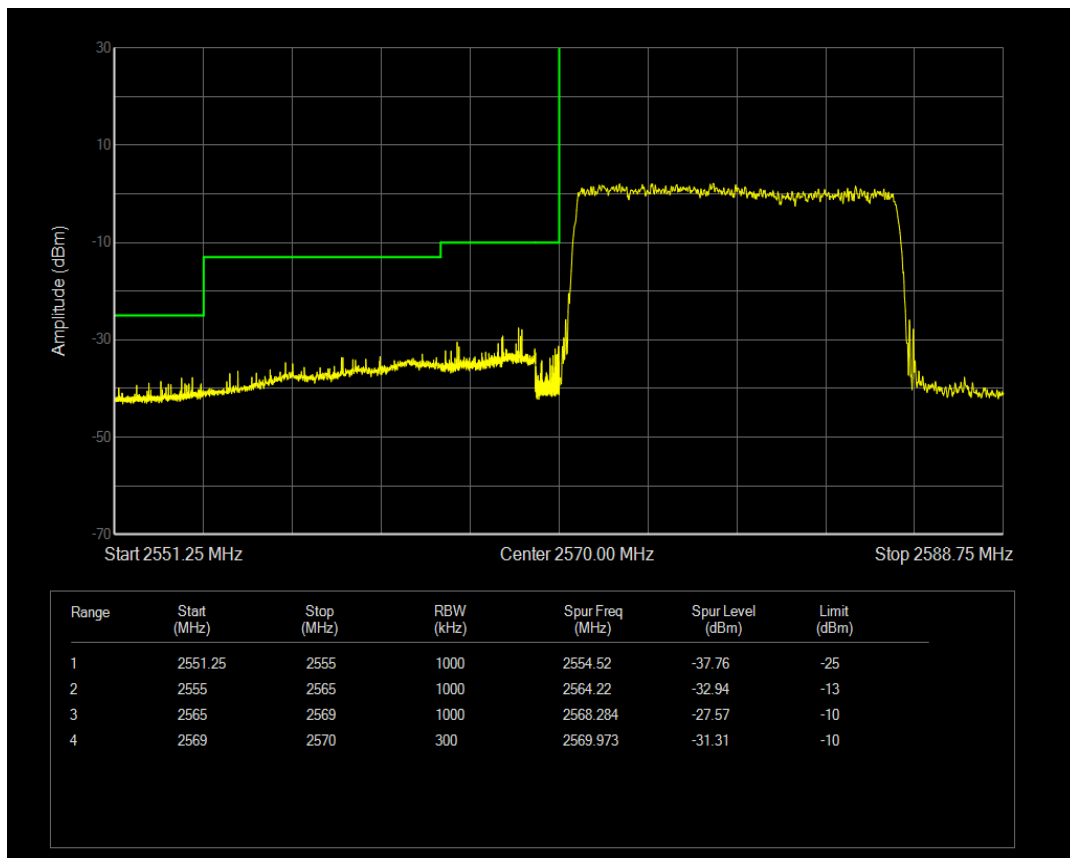
5 Band edge

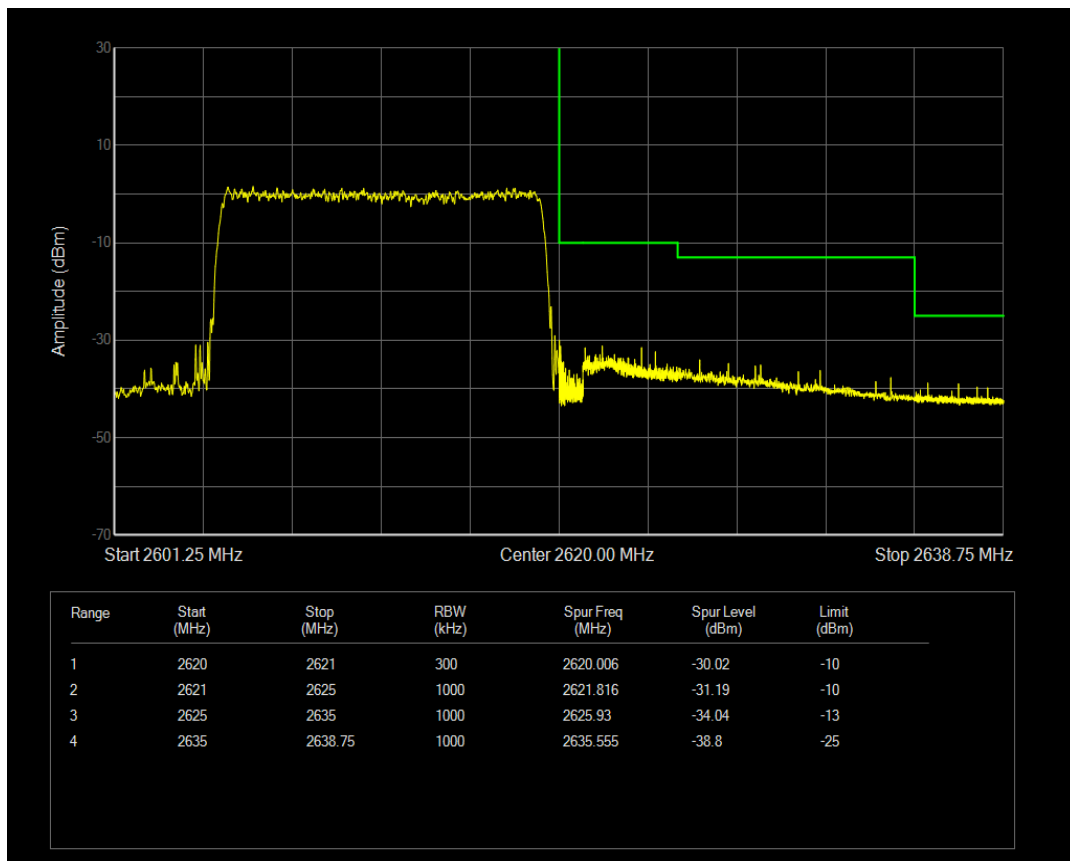
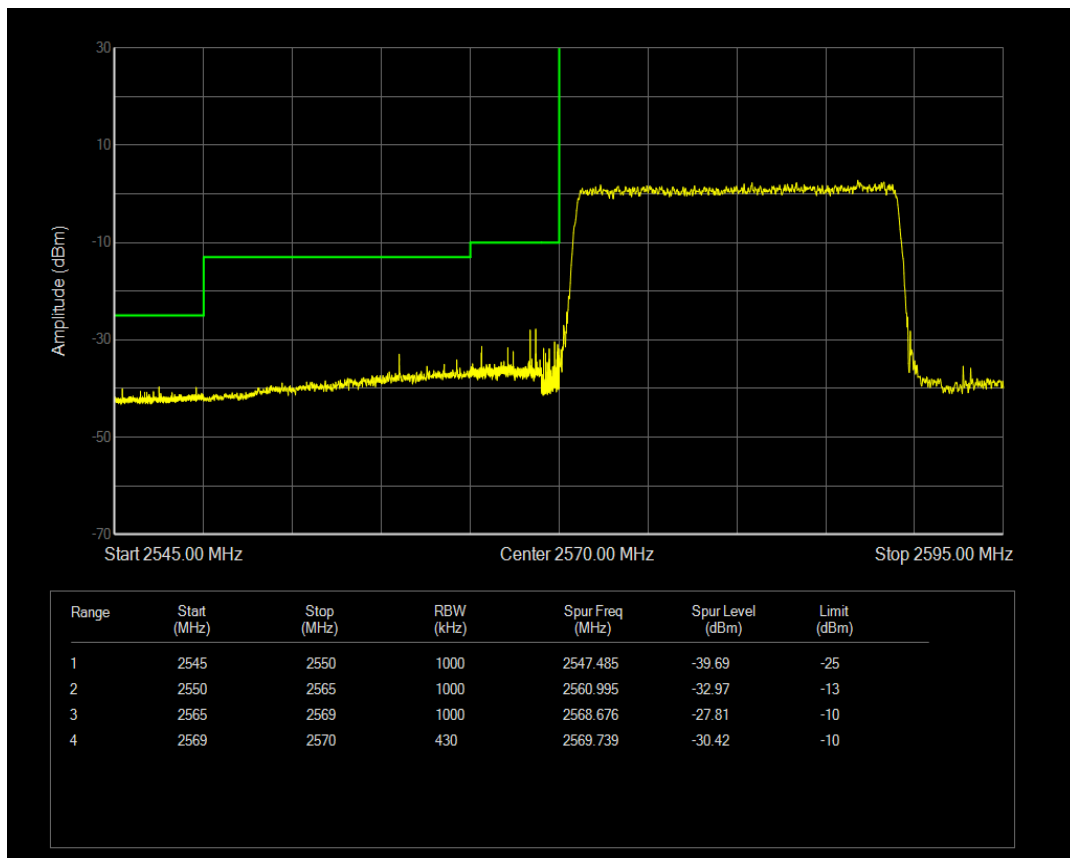
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QAM16	2563.78	-30.49	-25	PASS
Band38	5	38225	25	#0	QAM16	2621.00	-18.93	-10	PASS
Band38	10	37800	50	#0	QAM16	2558.98	-37.18	-25	PASS
Band38	10	38200	50	#0	QAM16	2630.10	-38.32	-25	PASS
Band38	15	37825	75	#0	QAM16	2554.52	-37.76	-25	PASS
Band38	15	38175	75	#0	QAM16	2635.56	-38.80	-25	PASS
Band38	20	37850	100	#0	QAM16	2547.49	-39.69	-25	PASS
Band38	20	38150	100	#0	QAM16	2640.79	-40.13	-25	PASS

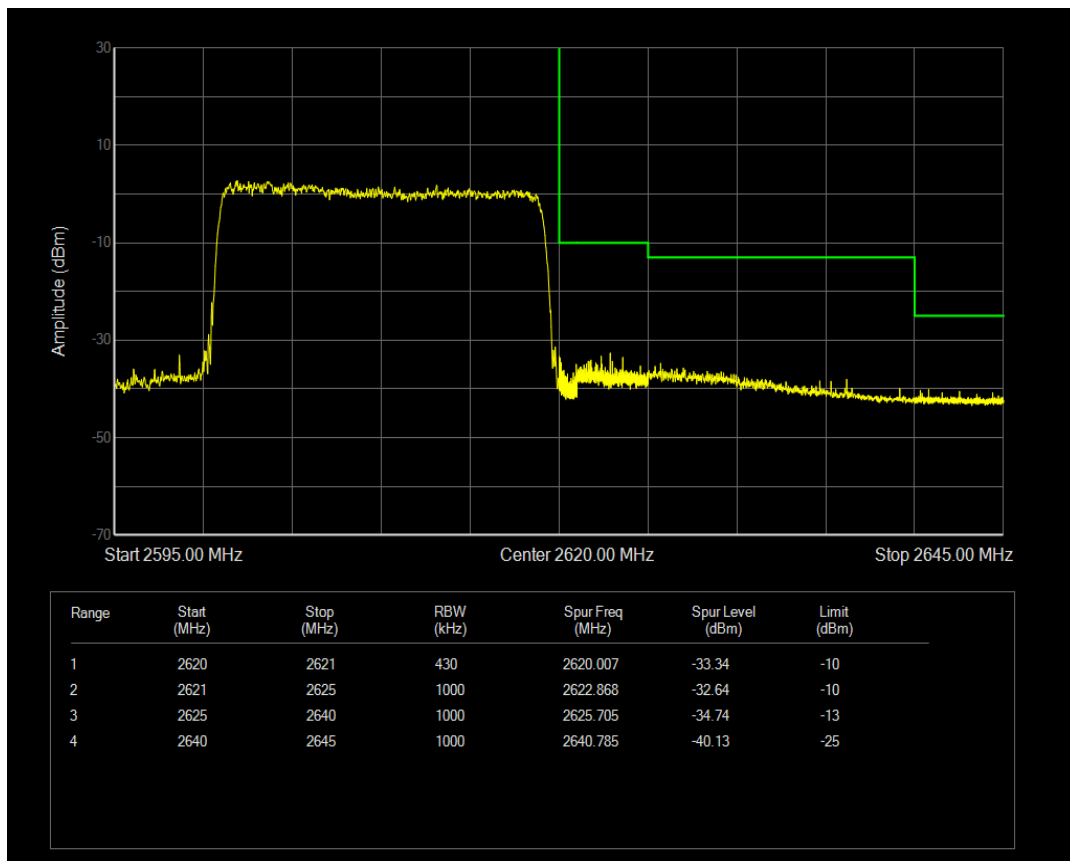
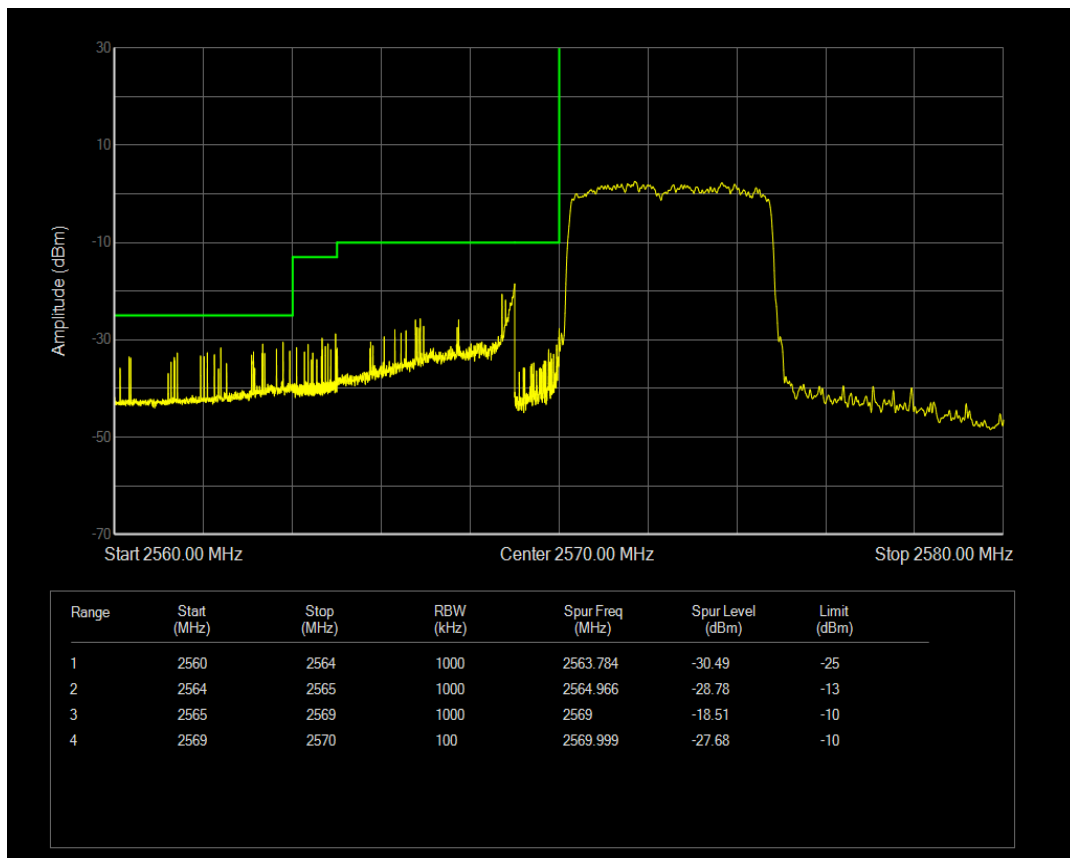
Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0

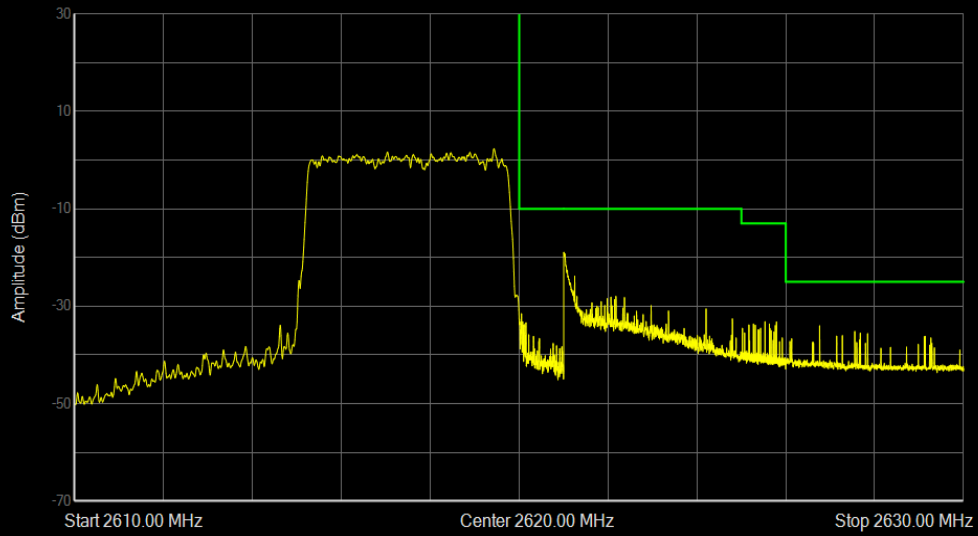


Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0

**Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0****Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0**

**Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0****Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0**

**Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0****Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0**

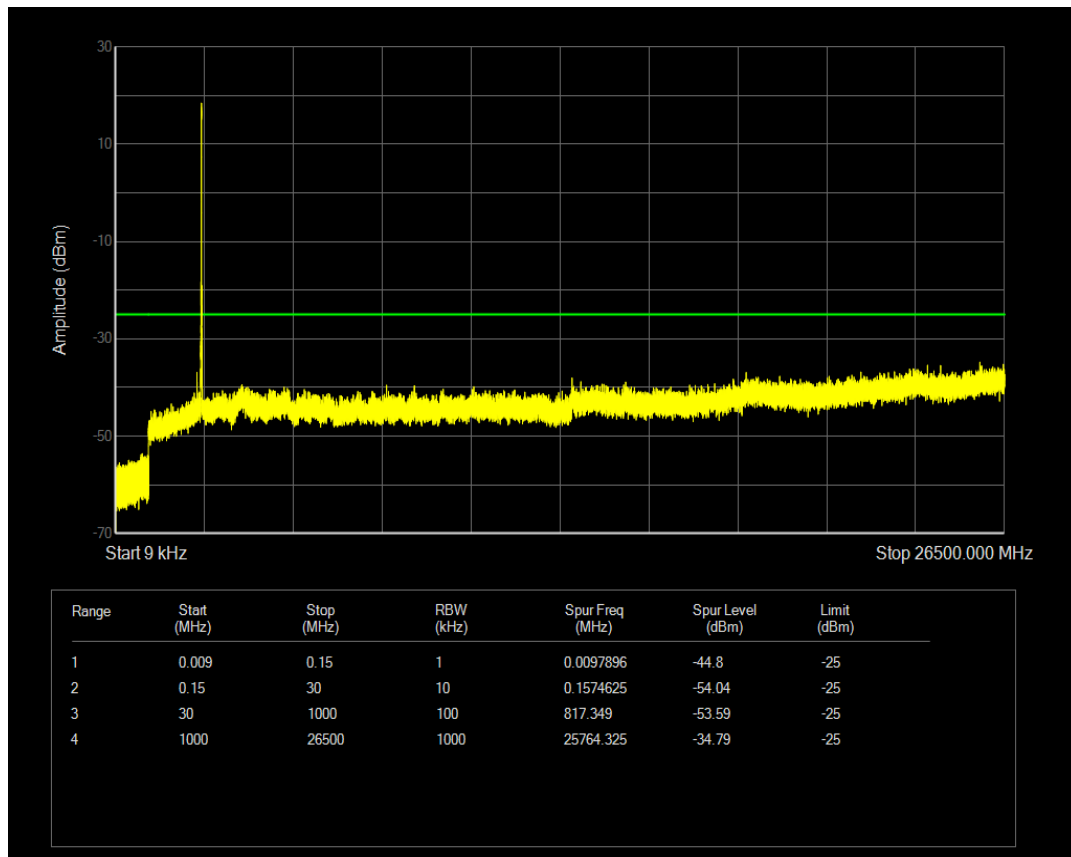


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.051	-31.54	-10
2	2621	2625	1000	2621.004	-18.93	-10
3	2625	2626	1000	2625.532	-33.17	-13
4	2626	2630	1000	2626.76	-34.03	-25

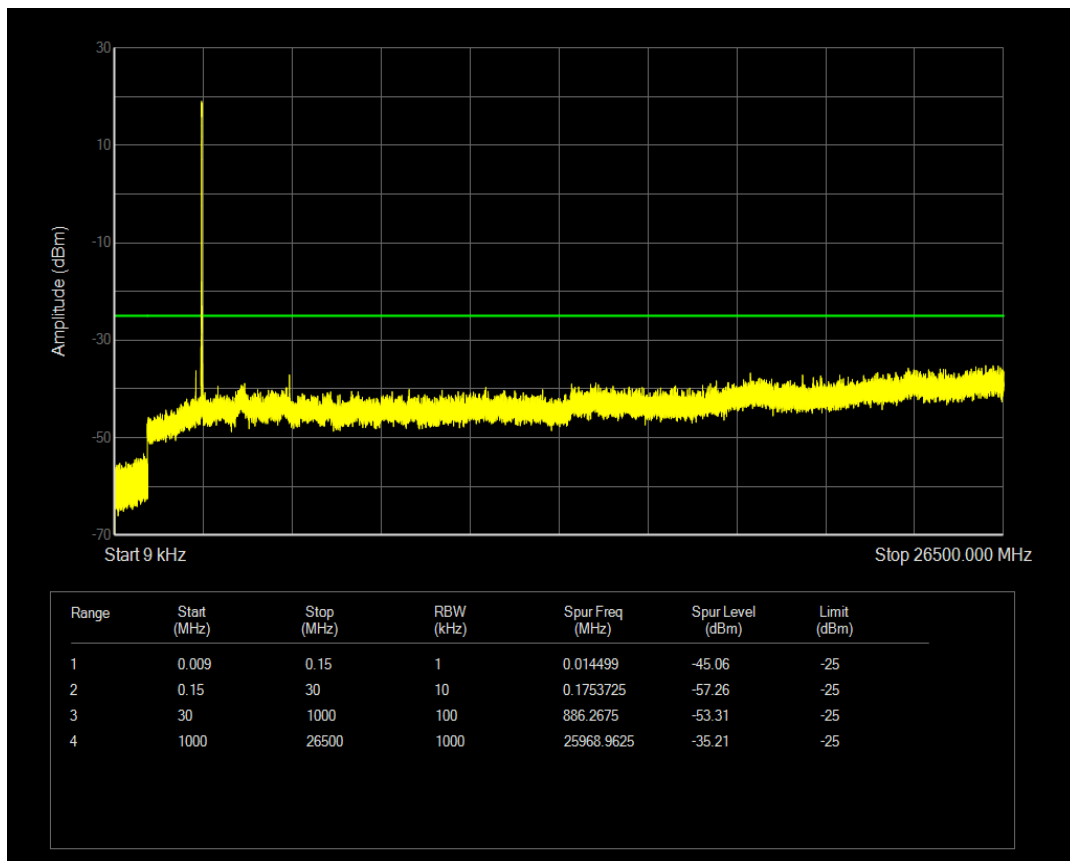
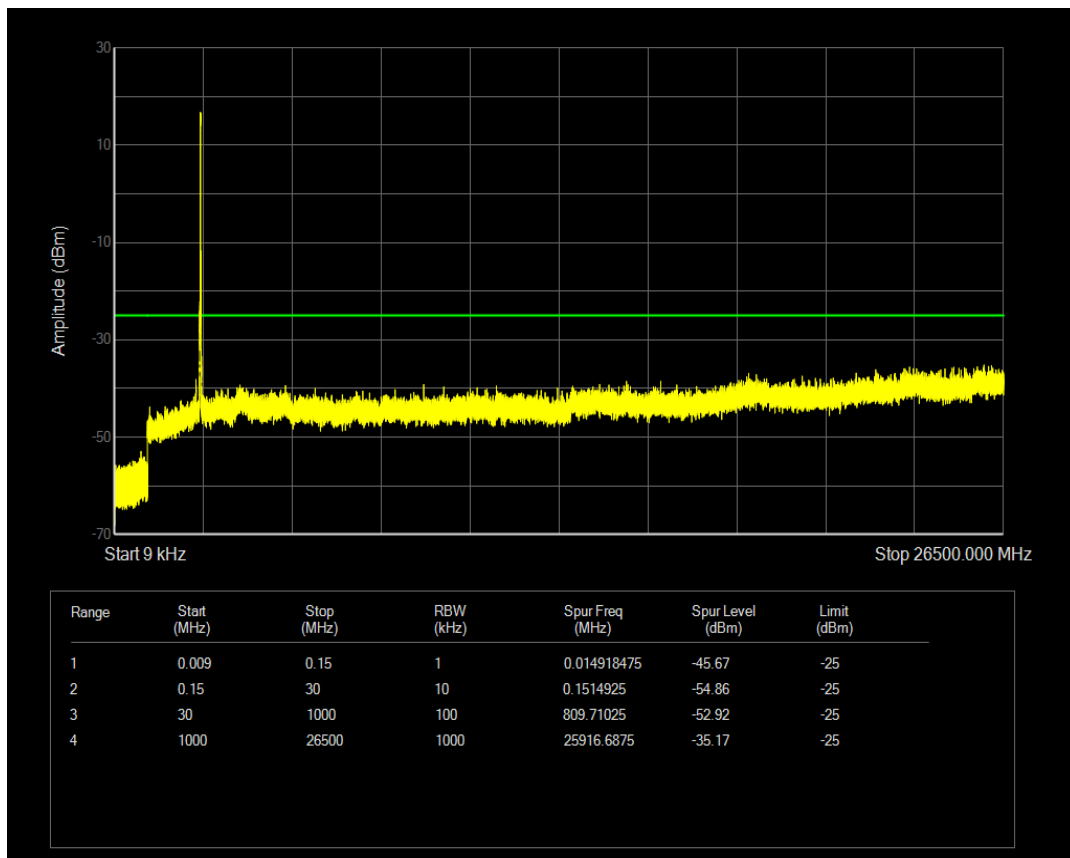
6 Out-of-band emissions

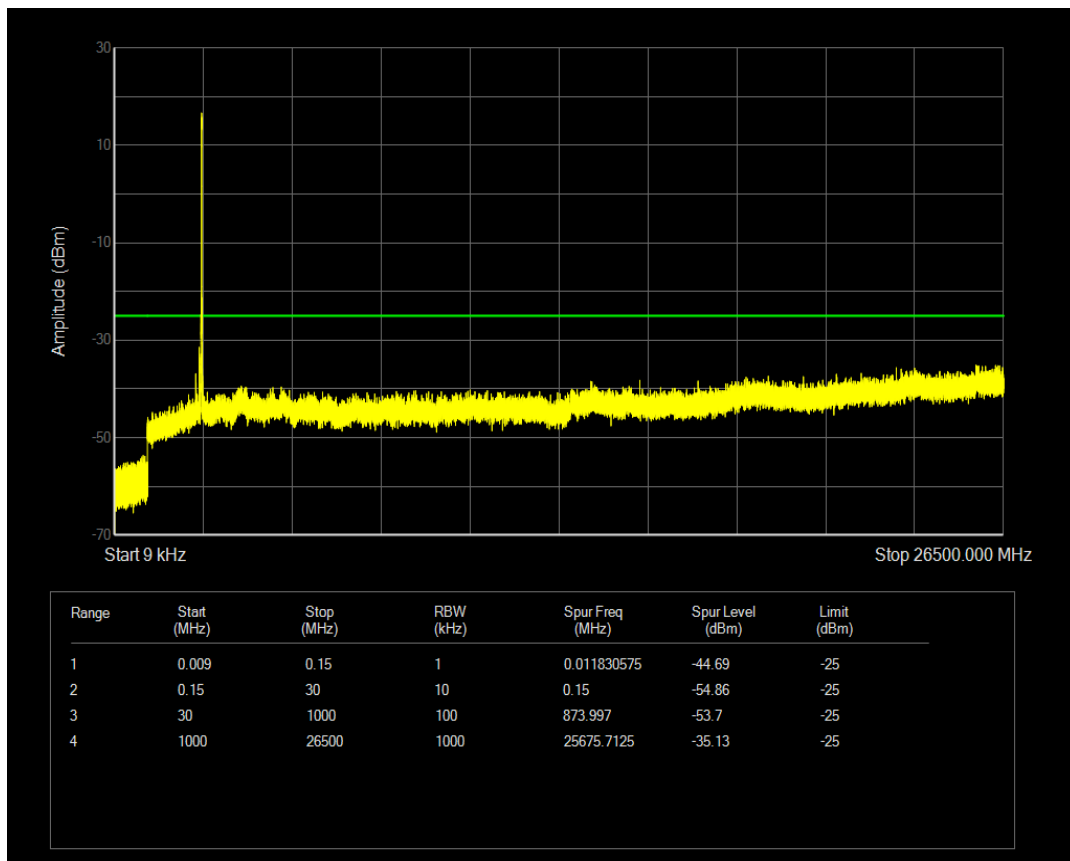
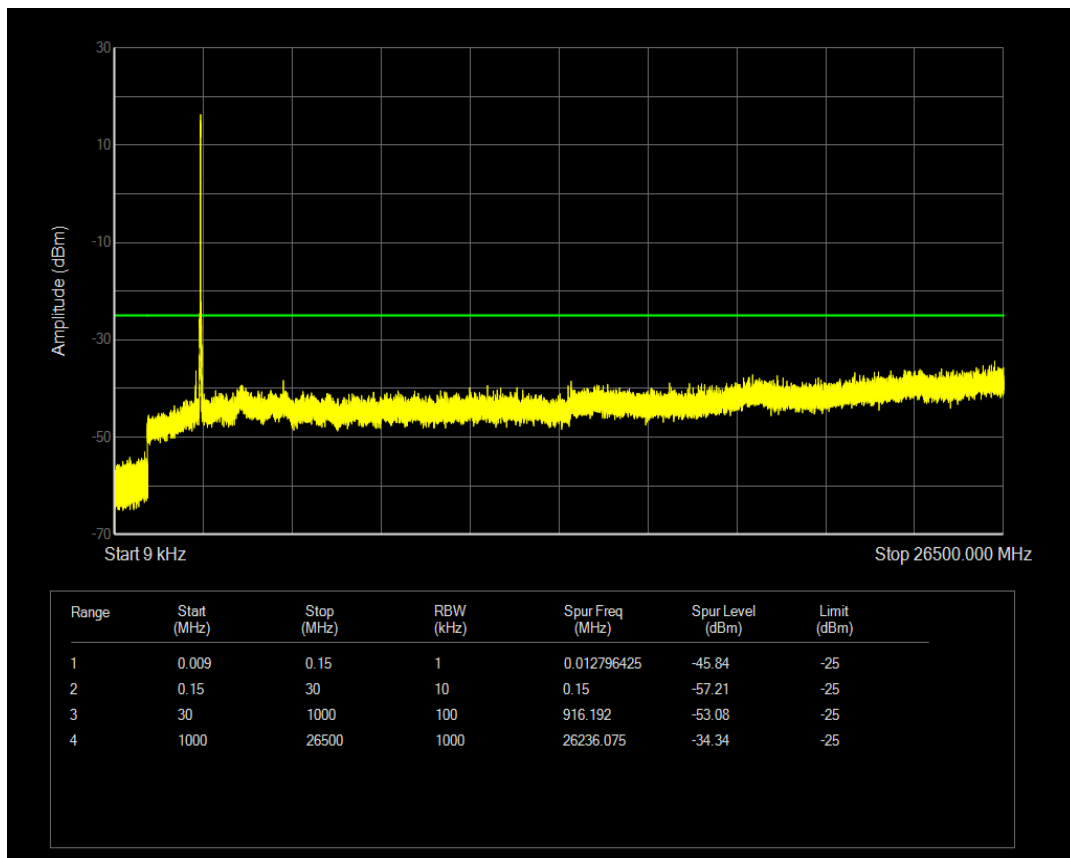
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QAM16	26197.19	-35.17	-25	PASS
Band38	5	38225	25	#0	QAM16	25768.15	-35.14	-25	PASS
Band38	10	37800	50	#0	QAM16	25764.33	-34.79	-25	PASS
Band38	10	38200	50	#0	QAM16	25968.96	-35.21	-25	PASS
Band38	15	37825	75	#0	QAM16	25916.69	-35.17	-25	PASS
Band38	15	38175	75	#0	QAM16	25675.71	-35.13	-25	PASS
Band38	20	37850	100	#0	QAM16	26236.08	-34.34	-25	PASS
Band38	20	38150	100	#0	QAM16	22848.40	-35.19	-25	PASS

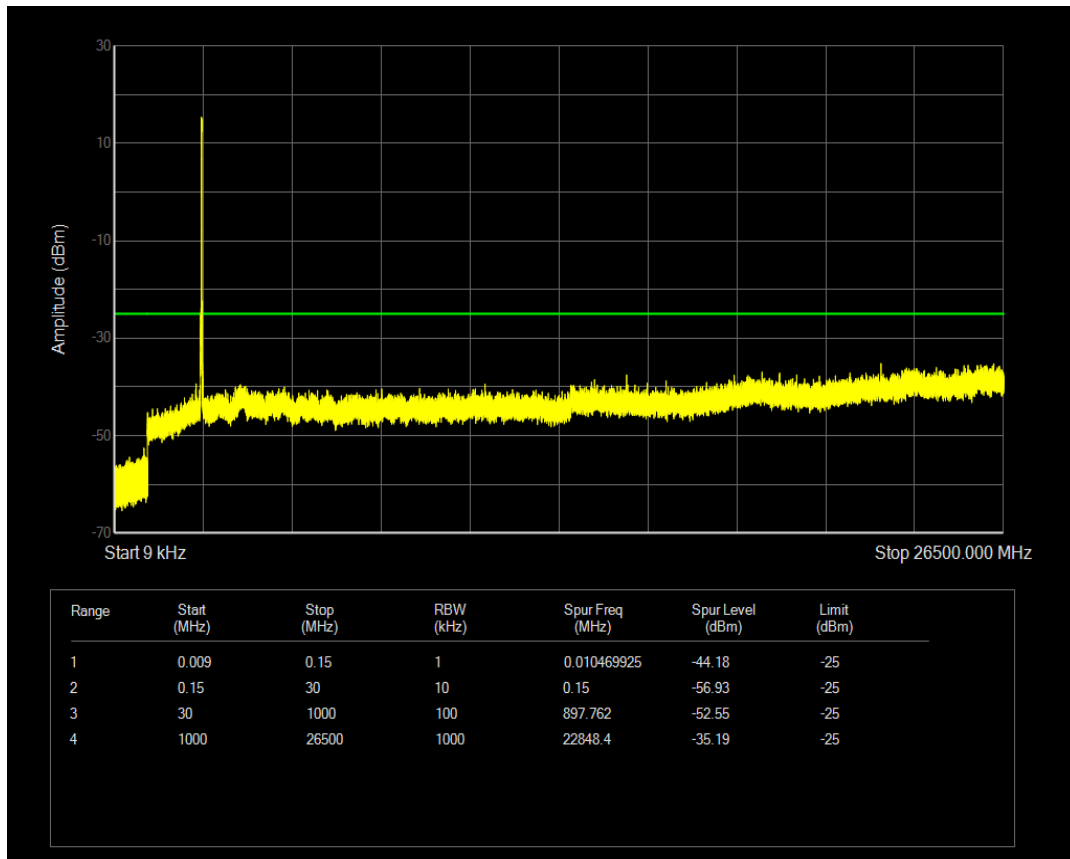
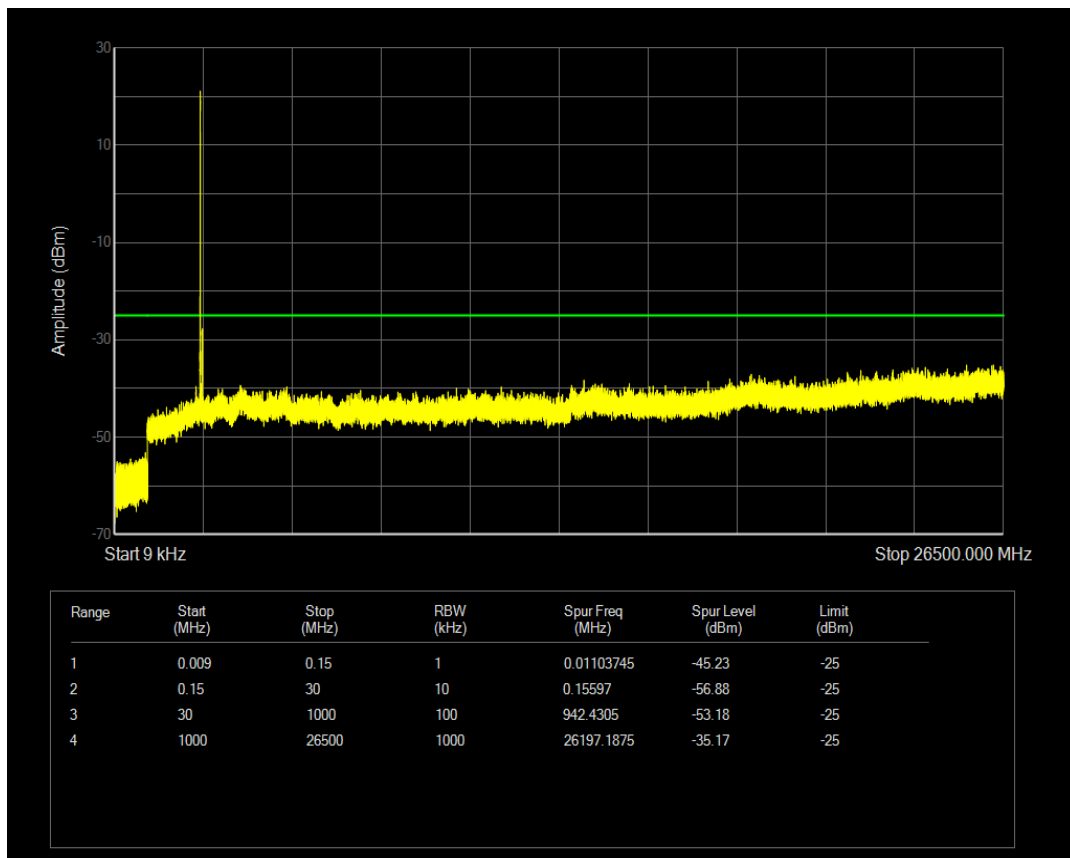
Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0

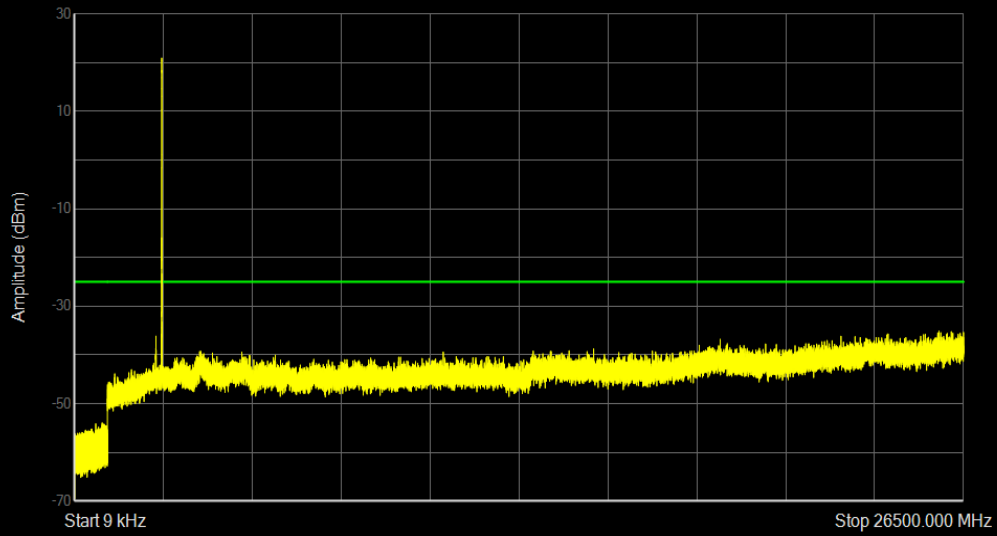


Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0

**Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0****Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0**

**Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0****Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0**

**Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0****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	0.009	0.15	1	0.01171425	-44.59	-25
2	0.15	30	10	0.15	-56.44	-25
3	30	1000	100	843.539	-53.94	-25
4	1000	26500	1000	25768.15	-35.14	-25