

Chengdu Heyue Electronics Co., Ltd.

No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

Test Model(s): D9863

1 Conducted output power

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Conducted output power (dBm)	Limit (mW)	Verdict
Band38	5	37775	1	#0	QPSK	22.26	2000	PASS
Band38	5	37775	1	#Mid	QPSK	22.38	2000	PASS
Band38	5	37775	1	#Max	QPSK	22.30	2000	PASS
Band38	5	37775	12	#0	QPSK	21.32	2000	PASS
Band38	5	37775	12	#Max	QPSK	21.30	2000	PASS
Band38	5	37775	25	#0	QPSK	21.34	2000	PASS
Band38	5	37775	1	#0	QAM16	21.56	2000	PASS
Band38	5	37775	1	#Mid	QAM16	21.71	2000	PASS
Band38	5	37775	1	#Max	QAM16	21.61	2000	PASS
Band38	5	37775	12	#0	QAM16	20.27	2000	PASS
Band38	5	37775	12	#Max	QAM16	20.25	2000	PASS
Band38	5	37775	25	#0	QAM16	20.33	2000	PASS
Band38	5	38000	1	#0	QPSK	22.57	2000	PASS
Band38	5	38000	1	#Mid	QPSK	22.73	2000	PASS
Band38	5	38000	1	#Max	QPSK	22.60	2000	PASS
Band38	5	38000	12	#0	QPSK	21.63	2000	PASS
Band38	5	38000	12	#Max	QPSK	21.68	2000	PASS
Band38	5	38000	25	#0	QPSK	21.67	2000	PASS
Band38	5	38000	1	#0	QAM16	21.71	2000	PASS
Band38	5	38000	1	#Mid	QAM16	21.87	2000	PASS
Band38	5	38000	1	#Max	QAM16	21.73	2000	PASS
Band38	5	38000	12	#0	QAM16	20.57	2000	PASS
Band38	5	38000	12	#Max	QAM16	20.62	2000	PASS
Band38	5	38000	25	#0	QAM16	20.62	2000	PASS
Band38	5	38225	1	#0	QPSK	22.30	2000	PASS
Band38	5	38225	1	#Mid	QPSK	22.49	2000	PASS
Band38	5	38225	1	#Max	QPSK	22.37	2000	PASS
Band38	5	38225	12	#0	QPSK	21.45	2000	PASS
Band38	5	38225	12	#Max	QPSK	21.50	2000	PASS
Band38	5	38225	25	#0	QPSK	21.47	2000	PASS
Band38	5	38225	1	#0	QAM16	21.61	2000	PASS
Band38	5	38225	1	#Mid	QAM16	21.78	2000	PASS
Band38	5	38225	1	#Max	QAM16	21.69	2000	PASS
Band38	5	38225	12	#0	QAM16	20.49	2000	PASS
Band38	5	38225	12	#Max	QAM16	20.55	2000	PASS
Band38	5	38225	25	#0	QAM16	20.49	2000	PASS
Band38	10	37800	1	#0	QPSK	22.31	2000	PASS
Band38	10	37800	1	#Mid	QPSK	22.56	2000	PASS
Band38	10	37800	1	#Max	QPSK	22.43	2000	PASS
Band38	10	37800	25	#0	QPSK	21.38	2000	PASS
Band38	10	37800	25	#Max	QPSK	21.43	2000	PASS
Band38	10	37800	50	#0	QPSK	21.40	2000	PASS

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Band38	10	37800	1	#0	QAM16	21.63	2000	PASS
Band38	10	37800	1	#Mid	QAM16	21.86	2000	PASS
Band38	10	37800	1	#Max	QAM16	21.73	2000	PASS
Band38	10	37800	25	#0	QAM16	20.47	2000	PASS
Band38	10	37800	25	#Max	QAM16	20.52	2000	PASS
Band38	10	37800	50	#0	QAM16	20.40	2000	PASS
Band38	10	38000	1	#0	QPSK	22.70	2000	PASS
Band38	10	38000	1	#Mid	QPSK	22.90	2000	PASS
Band38	10	38000	1	#Max	QPSK	22.65	2000	PASS
Band38	10	38000	25	#0	QPSK	21.69	2000	PASS
Band38	10	38000	25	#Max	QPSK	21.69	2000	PASS
Band38	10	38000	50	#0	QPSK	21.69	2000	PASS
Band38	10	38000	1	#0	QAM16	21.66	2000	PASS
Band38	10	38000	1	#Mid	QAM16	21.89	2000	PASS
Band38	10	38000	1	#Max	QAM16	21.64	2000	PASS
Band38	10	38000	25	#0	QAM16	20.73	2000	PASS
Band38	10	38000	25	#Max	QAM16	20.71	2000	PASS
Band38	10	38000	50	#0	QAM16	20.67	2000	PASS
Band38	10	38200	1	#0	QPSK	22.49	2000	PASS
Band38	10	38200	1	#Mid	QPSK	22.72	2000	PASS
Band38	10	38200	1	#Max	QPSK	22.57	2000	PASS
Band38	10	38200	25	#0	QPSK	21.47	2000	PASS
Band38	10	38200	25	#Max	QPSK	21.51	2000	PASS
Band38	10	38200	50	#0	QPSK	21.49	2000	PASS
Band38	10	38200	1	#0	QAM16	21.33	2000	PASS
Band38	10	38200	1	#Mid	QAM16	21.56	2000	PASS
Band38	10	38200	1	#Max	QAM16	21.44	2000	PASS
Band38	10	38200	25	#0	QAM16	20.47	2000	PASS
Band38	10	38200	25	#Max	QAM16	20.52	2000	PASS
Band38	10	38200	50	#0	QAM16	20.52	2000	PASS
Band38	15	37825	1	#0	QPSK	22.26	2000	PASS
Band38	15	37825	1	#Mid	QPSK	22.45	2000	PASS
Band38	15	37825	1	#Max	QPSK	22.46	2000	PASS
Band38	15	37825	36	#0	QPSK	21.44	2000	PASS
Band38	15	37825	36	#Max	QPSK	21.55	2000	PASS
Band38	15	37825	75	#0	QPSK	21.48	2000	PASS
Band38	15	37825	1	#0	QAM16	21.57	2000	PASS
Band38	15	37825	1	#Mid	QAM16	21.75	2000	PASS
Band38	15	37825	1	#Max	QAM16	21.77	2000	PASS
Band38	15	37825	36	#0	QAM16	20.43	2000	PASS
Band38	15	37825	36	#Max	QAM16	20.51	2000	PASS
Band38	15	37825	75	#0	QAM16	20.49	2000	PASS
Band38	15	38000	1	#0	QPSK	22.56	2000	PASS
Band38	15	38000	1	#Mid	QPSK	22.68	2000	PASS

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Band38	15	38000	1	#Max	QPSK	22.50	2000	PASS
Band38	15	38000	36	#0	QPSK	21.72	2000	PASS
Band38	15	38000	36	#Max	QPSK	21.71	2000	PASS
Band38	15	38000	75	#0	QPSK	21.71	2000	PASS
Band38	15	38000	1	#0	QAM16	21.57	2000	PASS
Band38	15	38000	1	#Mid	QAM16	21.67	2000	PASS
Band38	15	38000	1	#Max	QAM16	21.52	2000	PASS
Band38	15	38000	36	#0	QAM16	20.68	2000	PASS
Band38	15	38000	36	#Max	QAM16	20.63	2000	PASS
Band38	15	38000	75	#0	QAM16	20.67	2000	PASS
Band38	15	38175	1	#0	QPSK	22.56	2000	PASS
Band38	15	38175	1	#Mid	QPSK	22.54	2000	PASS
Band38	15	38175	1	#Max	QPSK	22.54	2000	PASS
Band38	15	38175	36	#0	QPSK	21.50	2000	PASS
Band38	15	38175	36	#Max	QPSK	21.55	2000	PASS
Band38	15	38175	75	#0	QPSK	21.54	2000	PASS
Band38	15	38175	1	#0	QAM16	21.51	2000	PASS
Band38	15	38175	1	#Mid	QAM16	21.50	2000	PASS
Band38	15	38175	1	#Max	QAM16	21.50	2000	PASS
Band38	15	38175	36	#0	QAM16	20.47	2000	PASS
Band38	15	38175	36	#Max	QAM16	20.47	2000	PASS
Band38	15	38175	75	#0	QAM16	20.51	2000	PASS
Band38	20	37850	1	#0	QPSK	22.12	2000	PASS
Band38	20	37850	1	#Mid	QPSK	22.62	2000	PASS
Band38	20	37850	1	#Max	QPSK	22.43	2000	PASS
Band38	20	37850	50	#0	QPSK	21.40	2000	PASS
Band38	20	37850	50	#Max	QPSK	21.54	2000	PASS
Band38	20	37850	100	#0	QPSK	21.45	2000	PASS
Band38	20	37850	1	#0	QAM16	21.27	2000	PASS
Band38	20	37850	1	#Mid	QAM16	21.75	2000	PASS
Band38	20	37850	1	#Max	QAM16	21.59	2000	PASS
Band38	20	37850	50	#0	QAM16	20.42	2000	PASS
Band38	20	37850	50	#Max	QAM16	20.55	2000	PASS
Band38	20	37850	100	#0	QAM16	20.48	2000	PASS
Band38	20	38000	1	#0	QPSK	22.42	2000	PASS
Band38	20	38000	1	#Mid	QPSK	22.87	2000	PASS
Band38	20	38000	1	#Max	QPSK	22.39	2000	PASS
Band38	20	38000	50	#0	QPSK	21.62	2000	PASS
Band38	20	38000	50	#Max	QPSK	21.61	2000	PASS
Band38	20	38000	100	#0	QPSK	21.63	2000	PASS
Band38	20	38000	1	#0	QAM16	21.31	2000	PASS
Band38	20	38000	1	#Mid	QAM16	21.74	2000	PASS
Band38	20	38000	1	#Max	QAM16	21.28	2000	PASS
Band38	20	38000	50	#0	QAM16	20.59	2000	PASS

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Band38	20	38000	50	#Max	QAM16	20.59	2000	PASS
Band38	20	38000	100	#0	QAM16	20.65	2000	PASS
Band38	20	38150	1	#0	QPSK	22.35	2000	PASS
Band38	20	38150	1	#Mid	QPSK	22.58	2000	PASS
Band38	20	38150	1	#Max	QPSK	22.31	2000	PASS
Band38	20	38150	50	#0	QPSK	21.45	2000	PASS
Band38	20	38150	50	#Max	QPSK	21.47	2000	PASS
Band38	20	38150	100	#0	QPSK	21.08	2000	PASS
Band38	20	38150	1	#0	QAM16	21.16	2000	PASS
Band38	20	38150	1	#Mid	QAM16	21.22	2000	PASS
Band38	20	38150	1	#Max	QAM16	20.96	2000	PASS
Band38	20	38150	50	#0	QAM16	20.50	2000	PASS
Band38	20	38150	50	#Max	QAM16	20.54	2000	PASS
Band38	20	38150	100	#0	QAM16	20.50	2000	PASS

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2 Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (℃)	Result (Hz)	Result (ppm)	Limit (ppm)	Verdict
Band38	20	37850	100	#0	QPSK	VL	NT	-0.51	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VN	NT	1.24	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	VH	NT	2.48	0.001	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	50	-0.32	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	40	1.02	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	30	1.25	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	20	0.01	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	10	0.61	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	0	0.82	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-10	0.98	0.000	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-20	-1.84	-0.001	±2.5	PASS
Band38	20	37850	100	#0	QPSK	NV	-30	-0.40	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VL	NT	-1.11	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VN	NT	1.64	0.001	±2.5	PASS
Band38	20	37850	100	#0	QAM16	VH	NT	-0.85	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	50	0.11	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	40	-3.00	-0.001	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	30	1.18	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	20	-2.40	-0.001	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	10	-1.88	-0.001	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	0	-1.53	-0.001	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-10	-0.68	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-20	-1.20	0.000	±2.5	PASS
Band38	20	37850	100	#0	QAM16	NV	-30	1.17	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VL	NT	-1.10	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VN	NT	0.81	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	VH	NT	-1.87	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	50	-0.97	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	40	-1.97	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	30	0.72	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	20	-2.67	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	10	-1.78	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	0	0.01	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-10	-1.64	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-0.70	0.000	±2.5	PASS
Band38	20	38000	100	#0	QPSK	NV	-30	0.81	0.000	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VL	NT	-0.62	0.000	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VN	NT	-2.11	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	VH	NT	-2.34	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	50	0.70	0.000	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	40	-0.84	0.000	±2.5	PASS

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Band38	20	38000	100	#0	QAM16	NV	30	-1.57	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	20	0.65	0.000	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	10	-1.83	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	0	-2.96	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-10	-2.24	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-20	-1.50	-0.001	±2.5	PASS
Band38	20	38000	100	#0	QAM16	NV	-30	-0.82	0.000	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VL	NT	-5.10	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VN	NT	-7.38	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	VH	NT	-9.55	-0.004	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	50	-3.84	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	40	-6.02	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	30	-5.17	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	20	-8.69	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	10	-5.36	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	0	-2.68	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-10	-3.56	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-20	-3.43	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QPSK	NV	-30	-9.09	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VL	NT	-5.03	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VN	NT	-6.89	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	VH	NT	-4.49	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	50	-5.93	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	40	-8.75	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	30	-7.85	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	20	-5.87	-0.002	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	10	-8.86	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	0	-3.90	-0.001	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-10	-7.05	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-20	-7.23	-0.003	±2.5	PASS
Band38	20	38150	100	#0	QAM16	NV	-30	-6.00	-0.002	±2.5	PASS

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3 Peak-to-Average Ratio

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
Band38	5	37775	1	#0	QPSK	8.53	13	PASS
Band38	5	37775	1	#0	QAM16	9.16	13	PASS
Band38	5	38000	1	#0	QPSK	8.70	13	PASS
Band38	5	38000	1	#0	QAM16	9.98	13	PASS
Band38	5	38225	1	#0	QPSK	9.77	13	PASS
Band38	5	38225	1	#0	QAM16	9.20	13	PASS
Band38	10	37800	1	#0	QPSK	9.14	13	PASS
Band38	10	37800	1	#0	QAM16	10.43	13	PASS
Band38	10	38000	1	#0	QPSK	9.28	13	PASS
Band38	10	38000	1	#0	QAM16	9.15	13	PASS
Band38	10	38200	1	#0	QPSK	8.13	13	PASS
Band38	10	38200	1	#0	QAM16	8.55	13	PASS
Band38	15	37825	1	#0	QPSK	7.51	13	PASS
Band38	15	37825	1	#0	QAM16	11.03	13	PASS
Band38	15	38000	1	#0	QPSK	8.88	13	PASS
Band38	15	38000	1	#0	QAM16	9.38	13	PASS
Band38	15	38175	1	#0	QPSK	8.85	13	PASS
Band38	15	38175	1	#0	QAM16	8.98	13	PASS
Band38	20	37850	1	#0	QPSK	8.66	13	PASS
Band38	20	37850	1	#0	QAM16	10.42	13	PASS
Band38	20	38000	1	#0	QPSK	9.43	13	PASS
Band38	20	38000	1	#0	QAM16	10.38	13	PASS
Band38	20	38150	1	#0	QPSK	8.52	13	PASS

Band38 QPSK BW=5MHz Channel=38000 RB Size=1 Position=#0



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



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



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



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



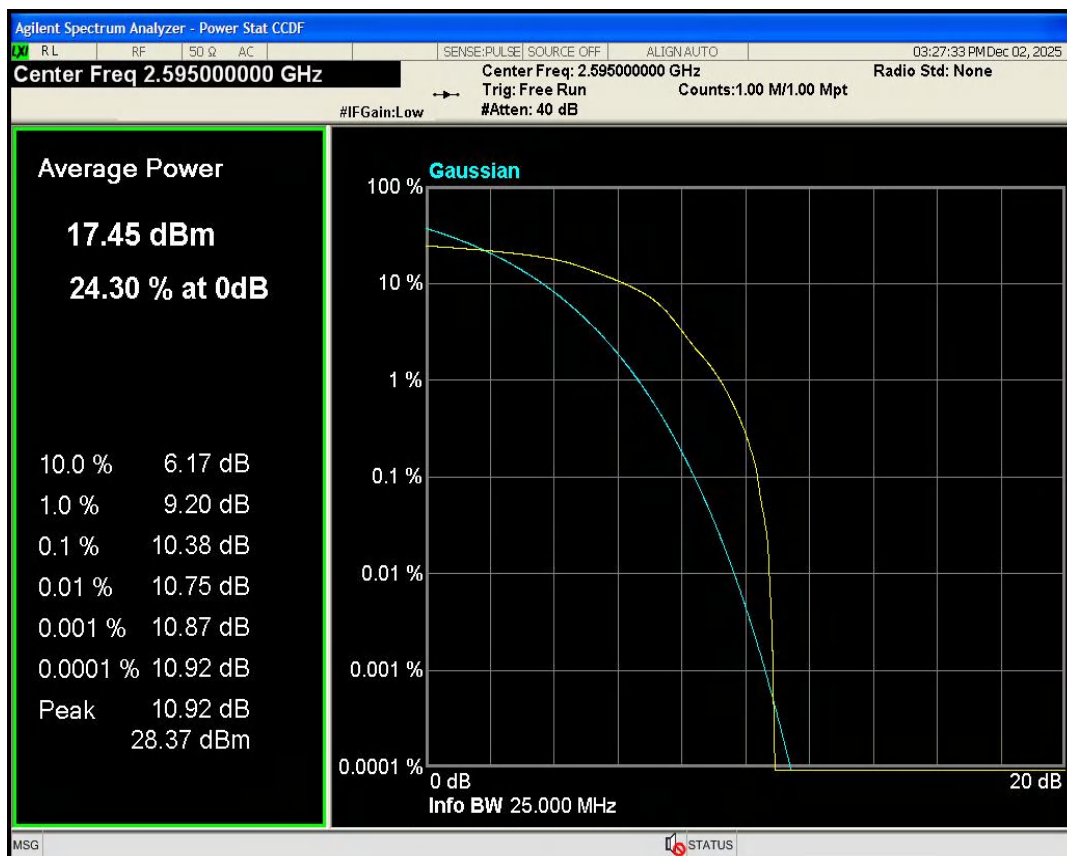
Band38 QPSK BW=15MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0



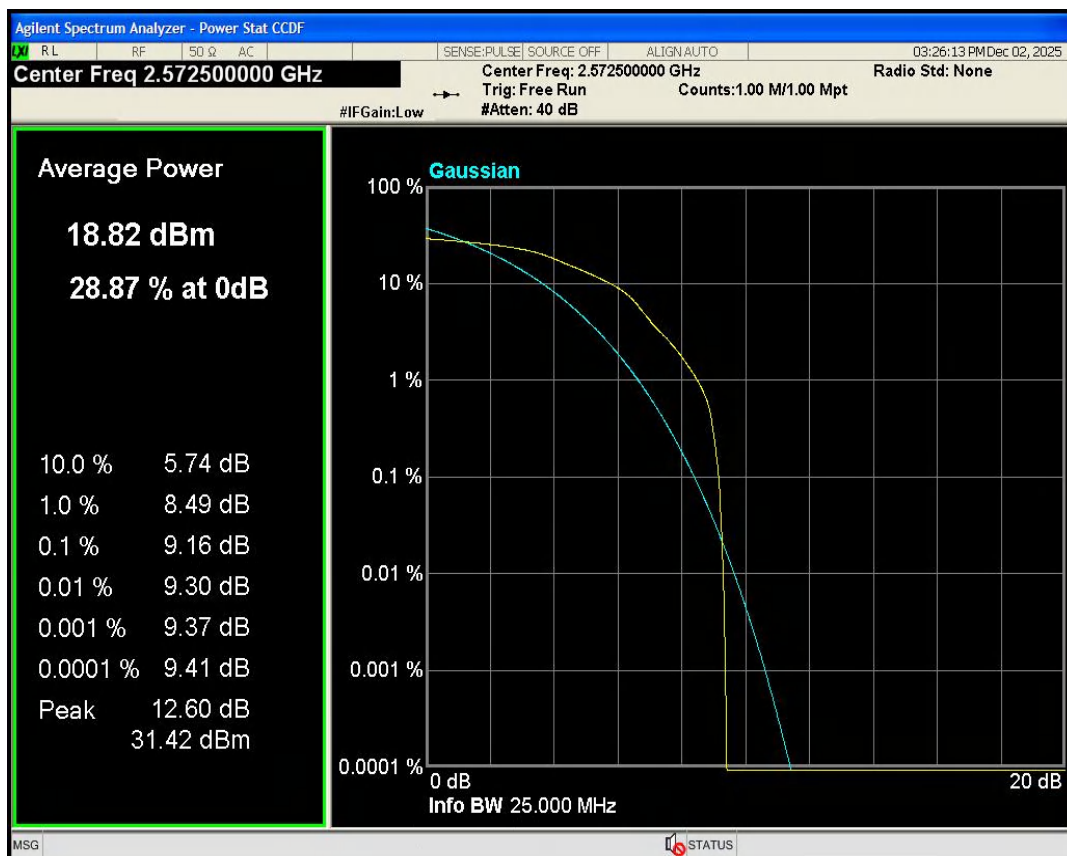
Band38 QAM16 BW=20MHz Channel=38000 RB Size=1 Position=#0



Band38 QPSK BW=5MHz Channel=37775 RB Size=1 Position=#0



Band38 QAM16 BW=5MHz Channel=37775 RB Size=1 Position=#0



Band38 QPSK BW=5MHz Channel=38225 RB Size=1 Position=#0



Band38 QPSK BW=10MHz Channel=37800 RB Size=1 Position=#0



Band38 QAM16 BW=5MHz Channel=38225 RB Size=1 Position=#0



Band38 QAM16 BW=10MHz Channel=37800 RB Size=1 Position=#0



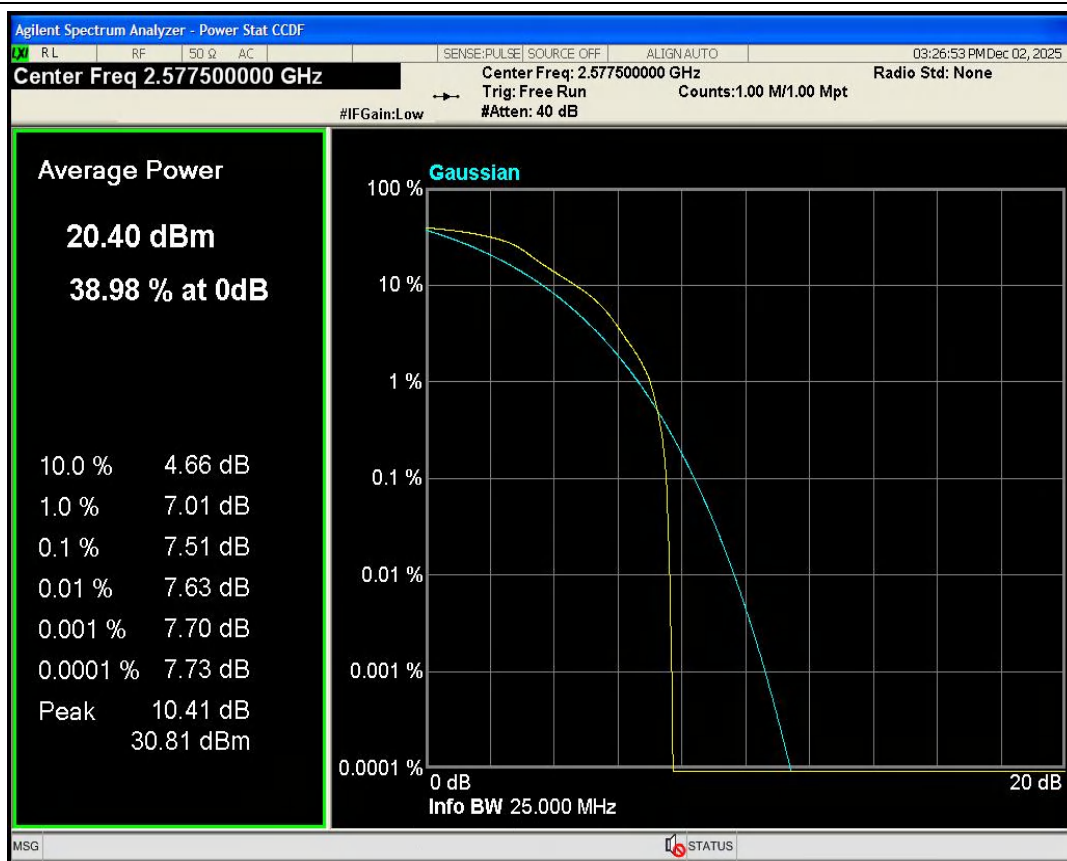
Band38 QPSK BW=10MHz Channel=38200 RB Size=1 Position=#0



Band38 QAM16 BW=10MHz Channel=38200 RB Size=1 Position=#0



Band38 QPSK BW=15MHz Channel=37825 RB Size=1 Position=#0



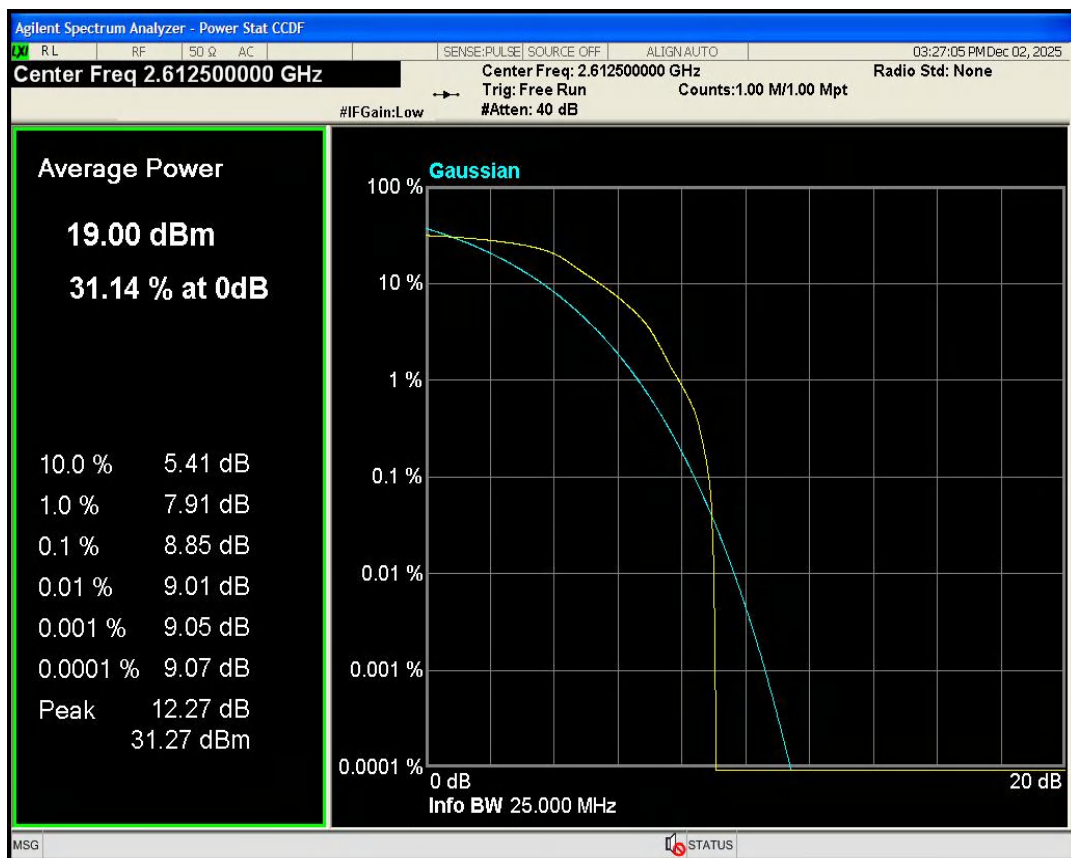
Band38 QAM16 BW=15MHz Channel=37825 RB Size=1 Position=#0



Band38 QAM16 BW=15MHz Channel=38175 RB Size=1 Position=#0



Band38 QPSK BW=15MHz Channel=38175 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=37850 RB Size=1 Position=#0

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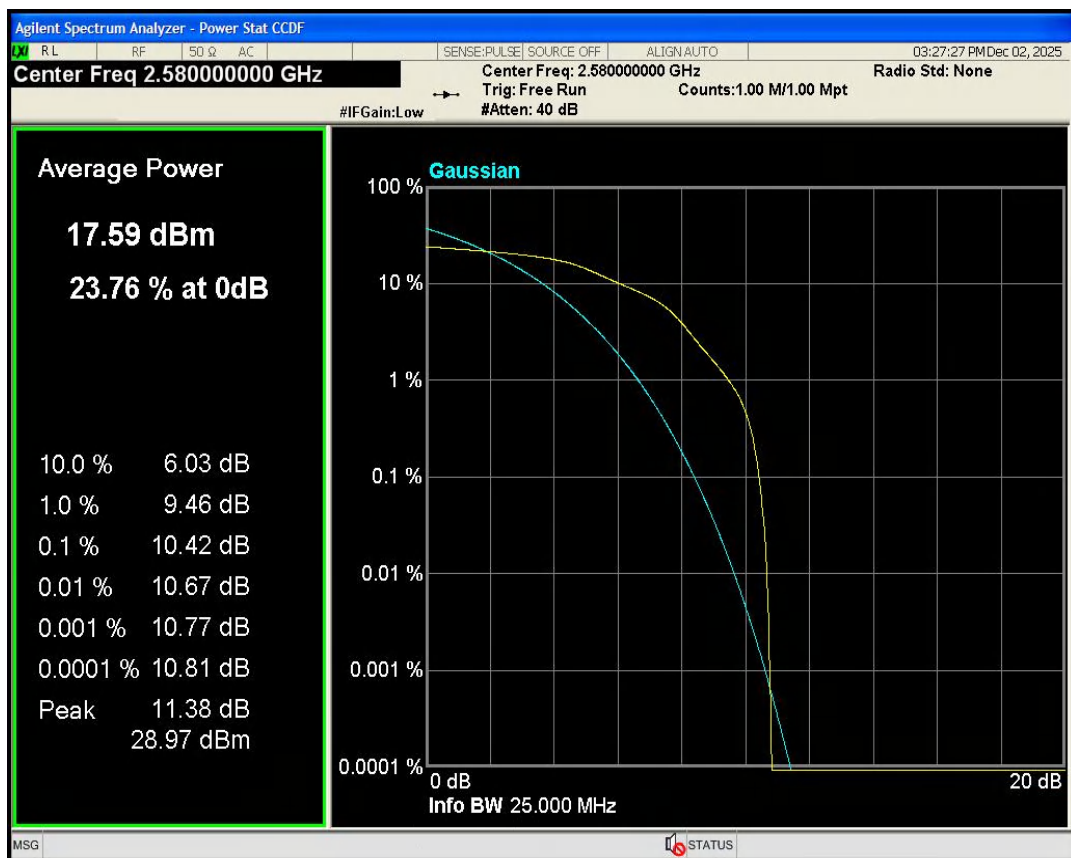
No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

Test Model(s): D9863



Band38 QAM16 BW=20MHz Channel=37850 RB Size=1 Position=#0



Band38 QPSK BW=20MHz Channel=38150 RB Size=1 Position=#0

Chengdu Heyue Electronics Co., Ltd.

No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

Test Model(s): D9863



Band38 QAM16 BW=20MHz Channel=38150 RB Size=1 Position=#0



Chengdu Heyue Electronics Co., Ltd.

No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

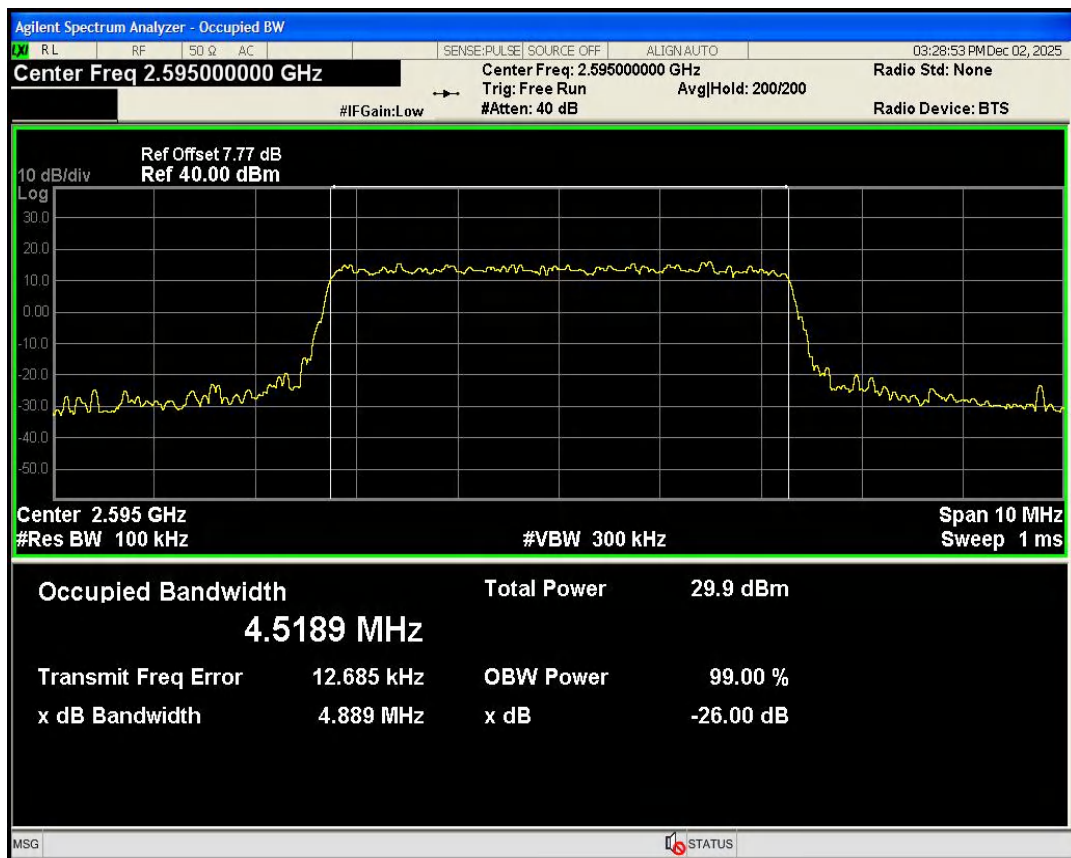
FCC ID:2BS6T-D9863

Test Model(s): D9863

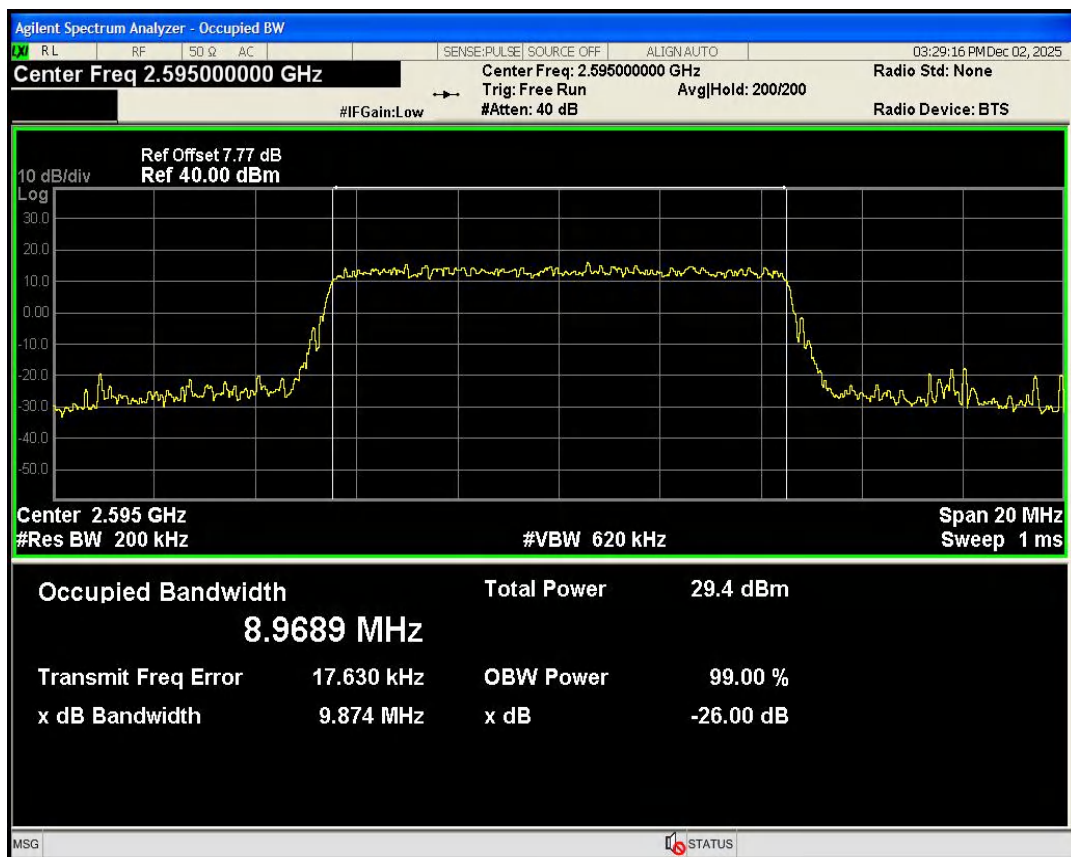
4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band38	5	37775	25	#0	QPSK	4.507	4.882	PASS
Band38	5	37775	25	#0	QAM16	4.490	4.911	PASS
Band38	5	38000	25	#0	QPSK	4.519	4.889	PASS
Band38	5	38000	25	#0	QAM16	4.504	4.975	PASS
Band38	5	38225	25	#0	QPSK	4.503	4.875	PASS
Band38	5	38225	25	#0	QAM16	4.486	4.864	PASS
Band38	10	37800	50	#0	QPSK	8.969	9.712	PASS
Band38	10	37800	50	#0	QAM16	8.968	9.788	PASS
Band38	10	38000	50	#0	QPSK	8.969	9.874	PASS
Band38	10	38000	50	#0	QAM16	8.975	9.682	PASS
Band38	10	38200	50	#0	QPSK	8.956	9.882	PASS
Band38	10	38200	50	#0	QAM16	8.975	9.748	PASS
Band38	15	37825	75	#0	QPSK	13.431	14.623	PASS
Band38	15	37825	75	#0	QAM16	13.465	15.519	PASS
Band38	15	38000	75	#0	QPSK	13.407	14.443	PASS
Band38	15	38000	75	#0	QAM16	13.421	14.380	PASS
Band38	15	38175	75	#0	QPSK	13.401	14.565	PASS
Band38	15	38175	75	#0	QAM16	13.462	14.954	PASS
Band38	20	37850	100	#0	QPSK	17.857	19.160	PASS
Band38	20	37850	100	#0	QAM16	17.886	19.322	PASS
Band38	20	38000	100	#0	QPSK	17.870	19.219	PASS
Band38	20	38000	100	#0	QAM16	17.930	22.219	PASS
Band38	20	38150	100	#0	QPSK	17.945	19.332	PASS
Band38	20	38150	100	#0	QAM16	17.907	20.210	PASS

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



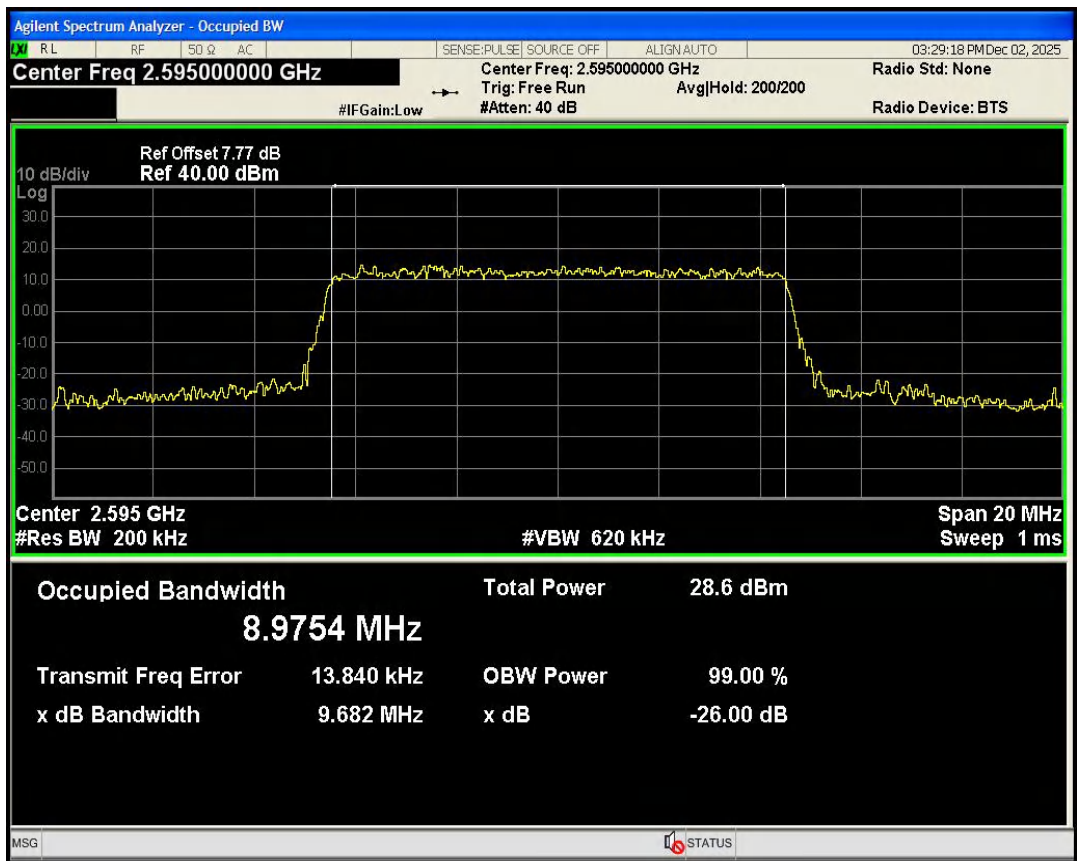
Band38 QPSK BW=10MHz Channel=38000 RB Size=50 Position=#0



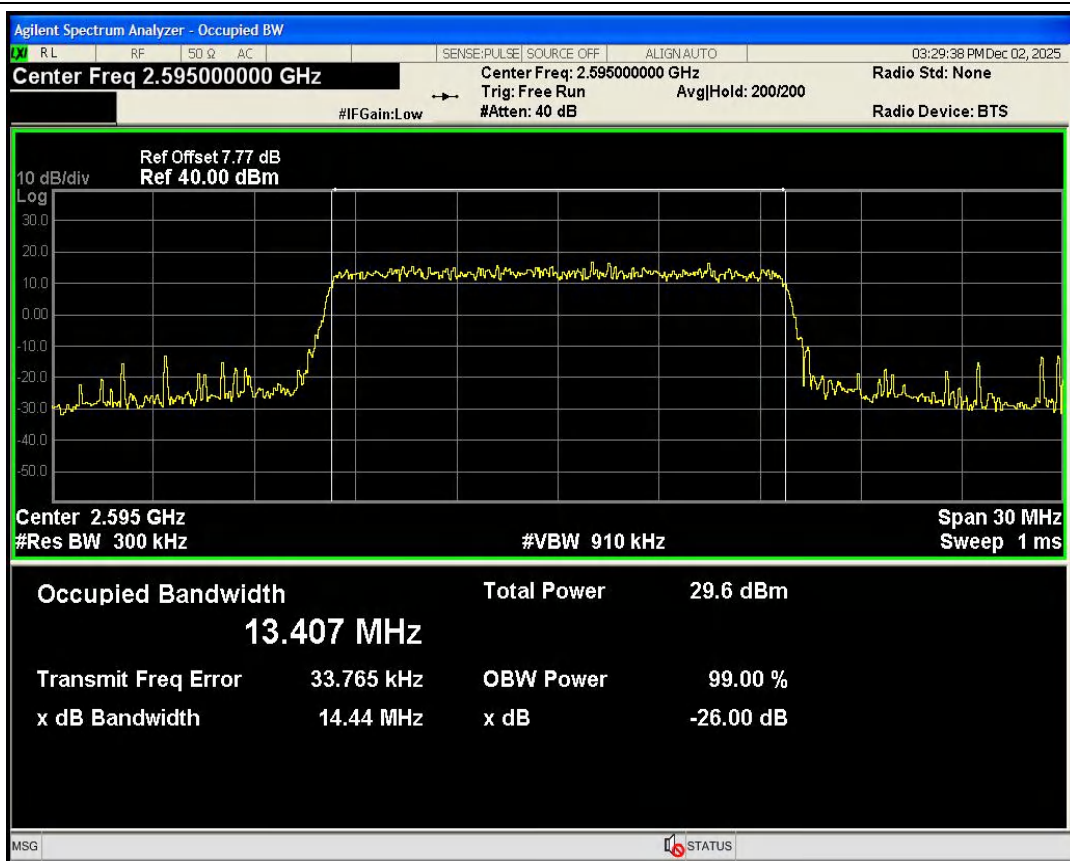
Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0



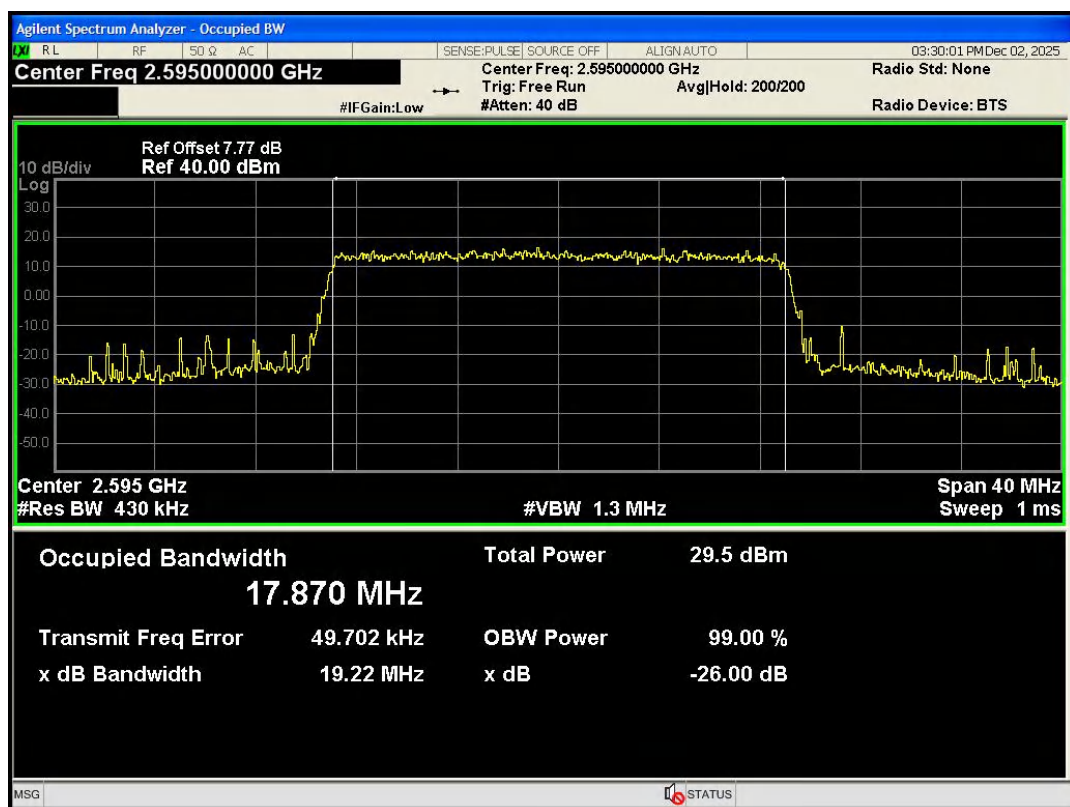
Band38 QAM16 BW=10MHz Channel=38000 RB Size=50 Position=#0



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



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



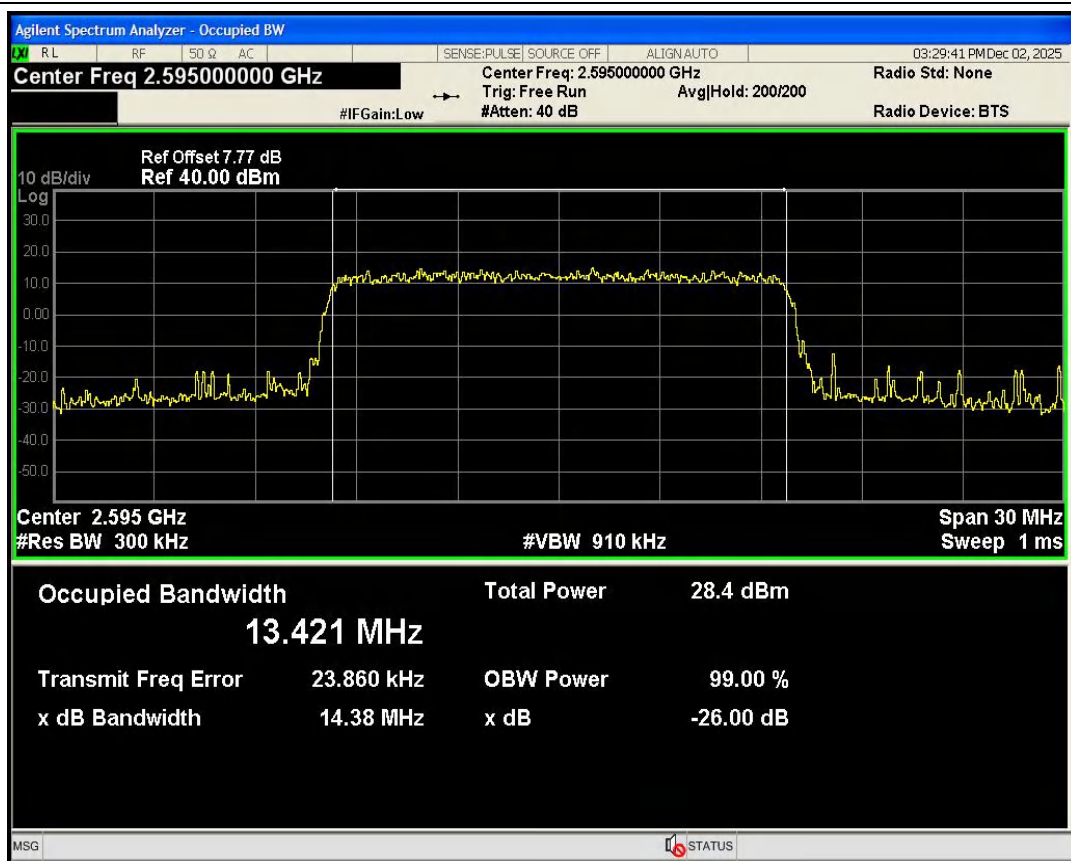
Band38 QAM16 BW=15MHz Channel=38000 RB Size=75 Position=#0

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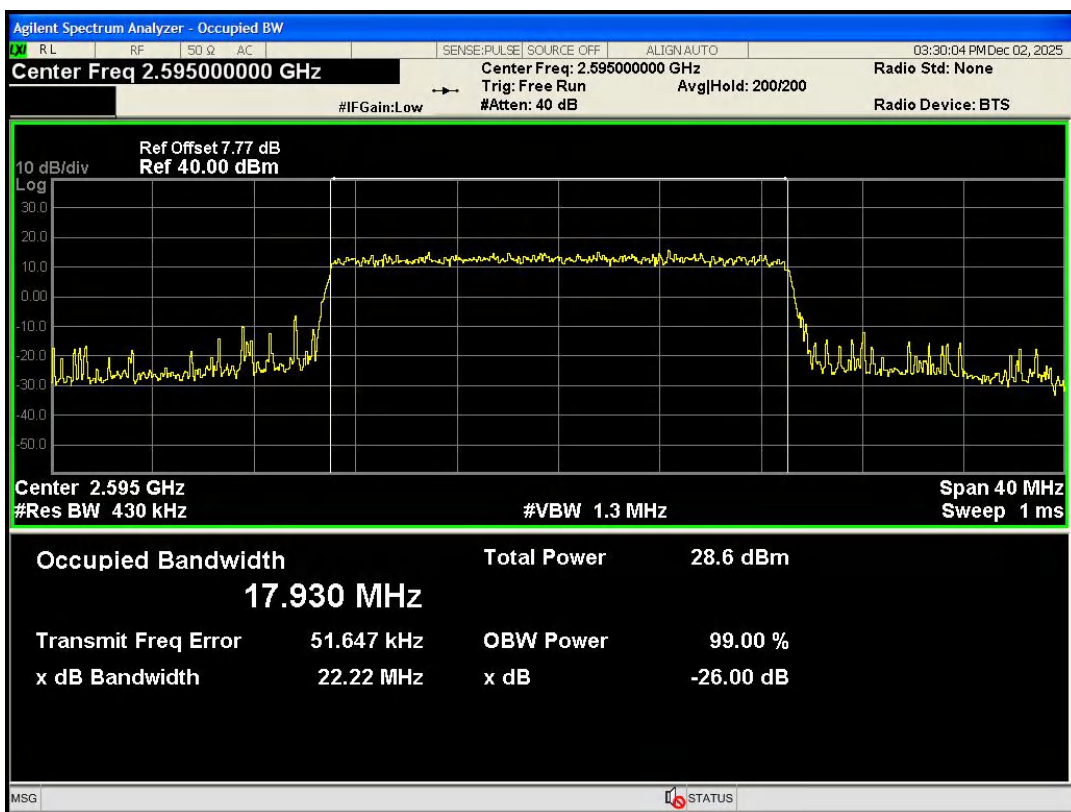
No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

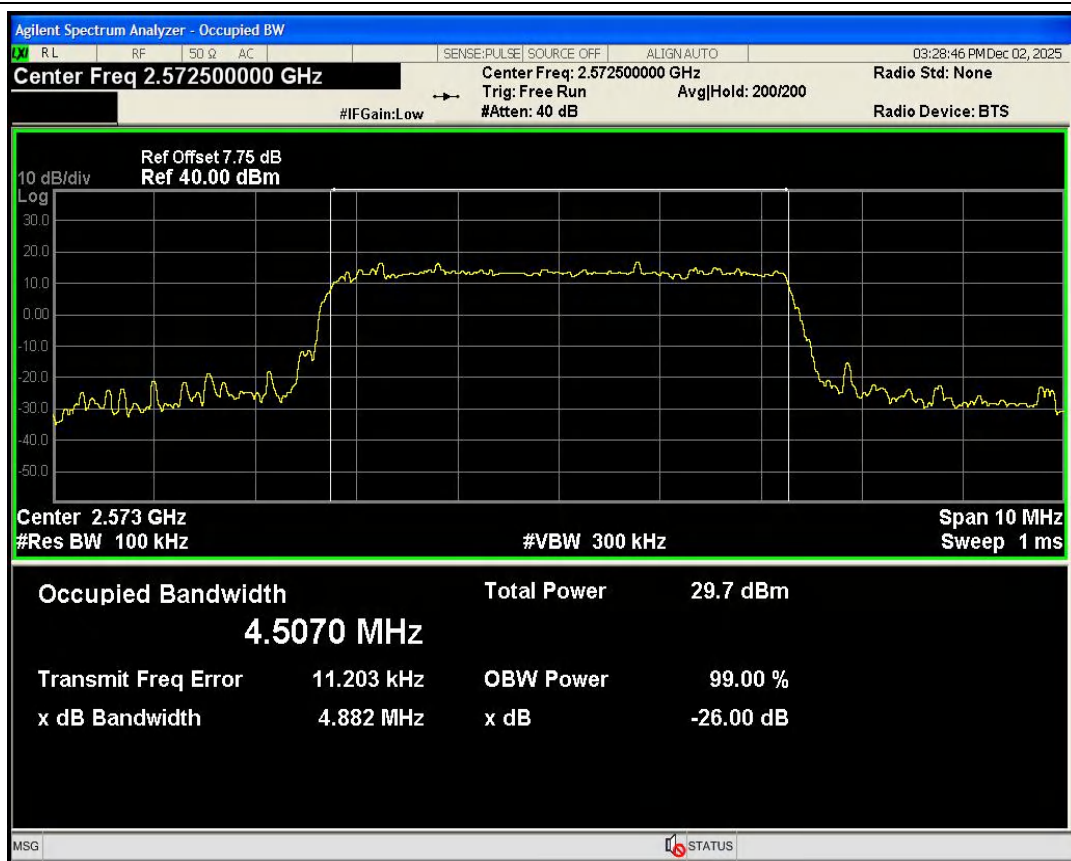
Test Model(s): D9863



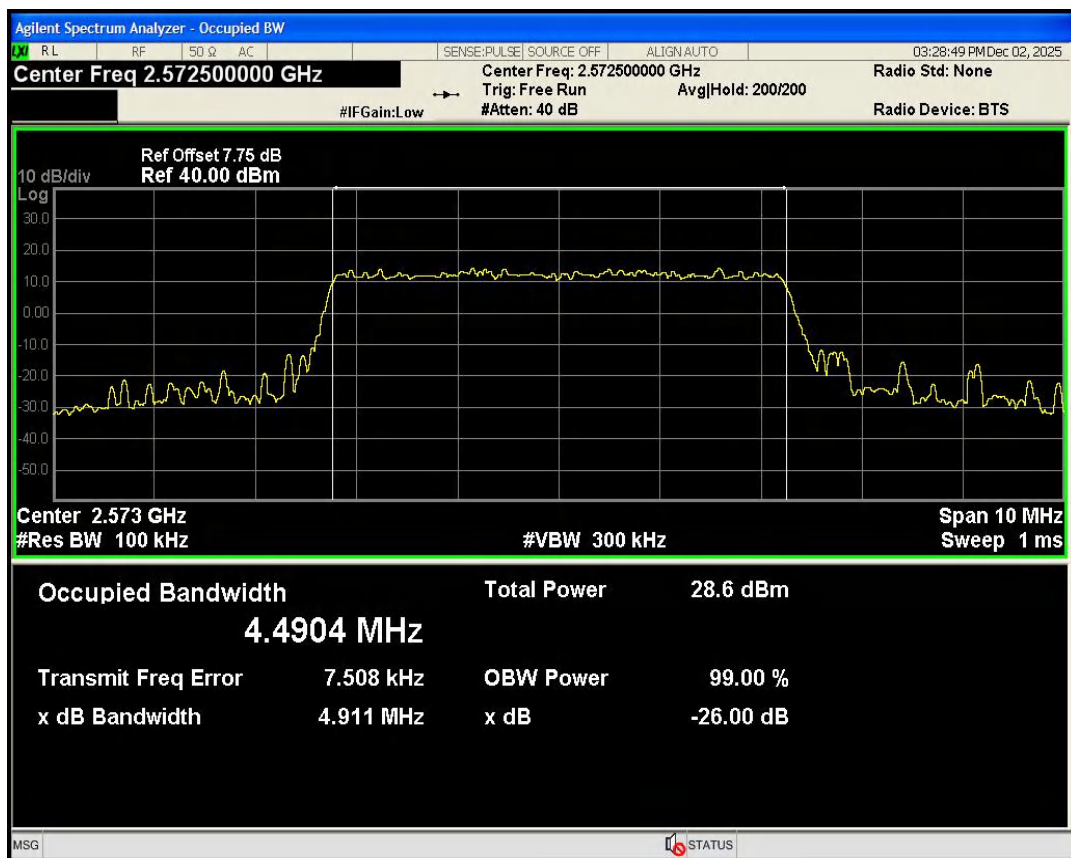
Band38 QAM16 BW=20MHz Channel=38000 RB Size=100 Position=#0



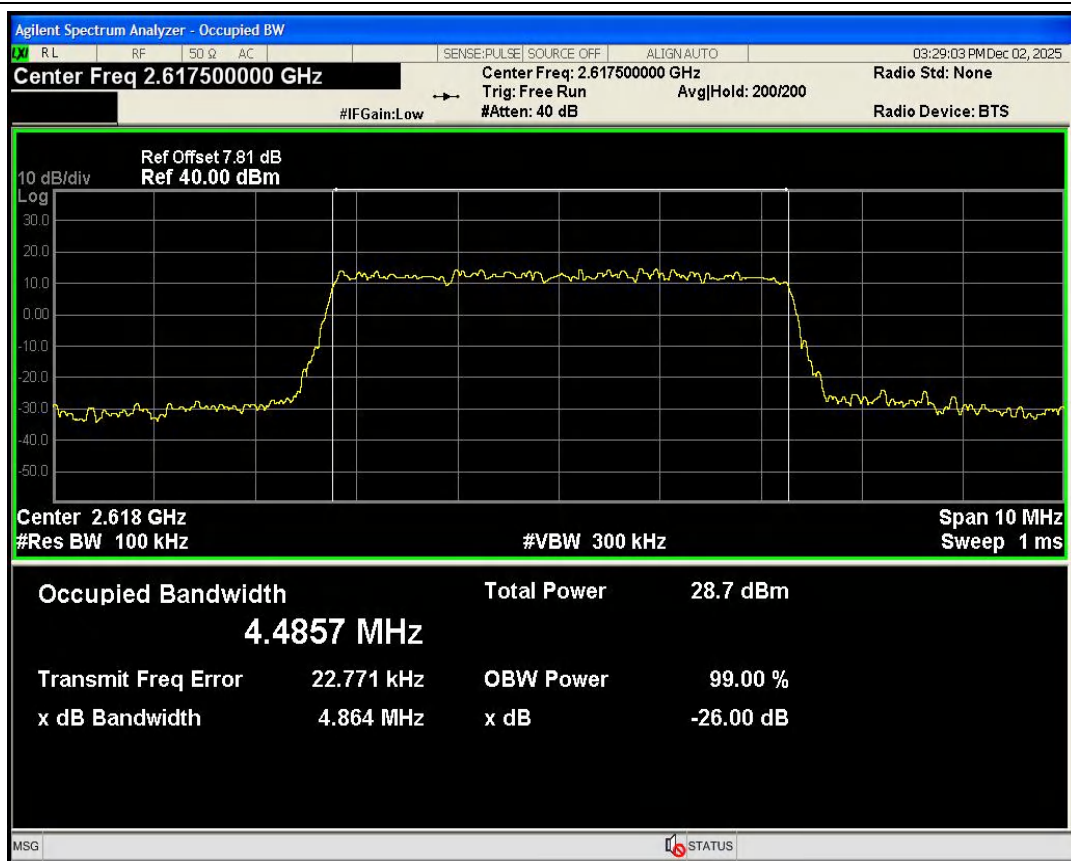
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



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



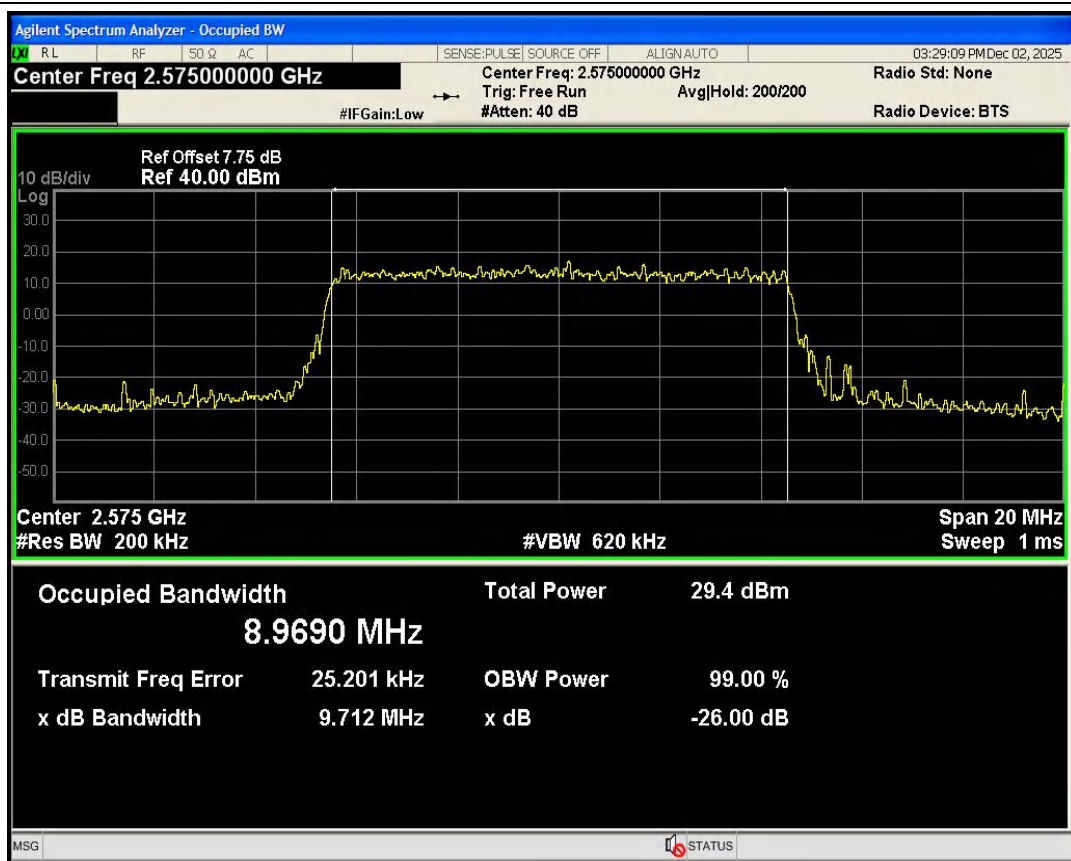
Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



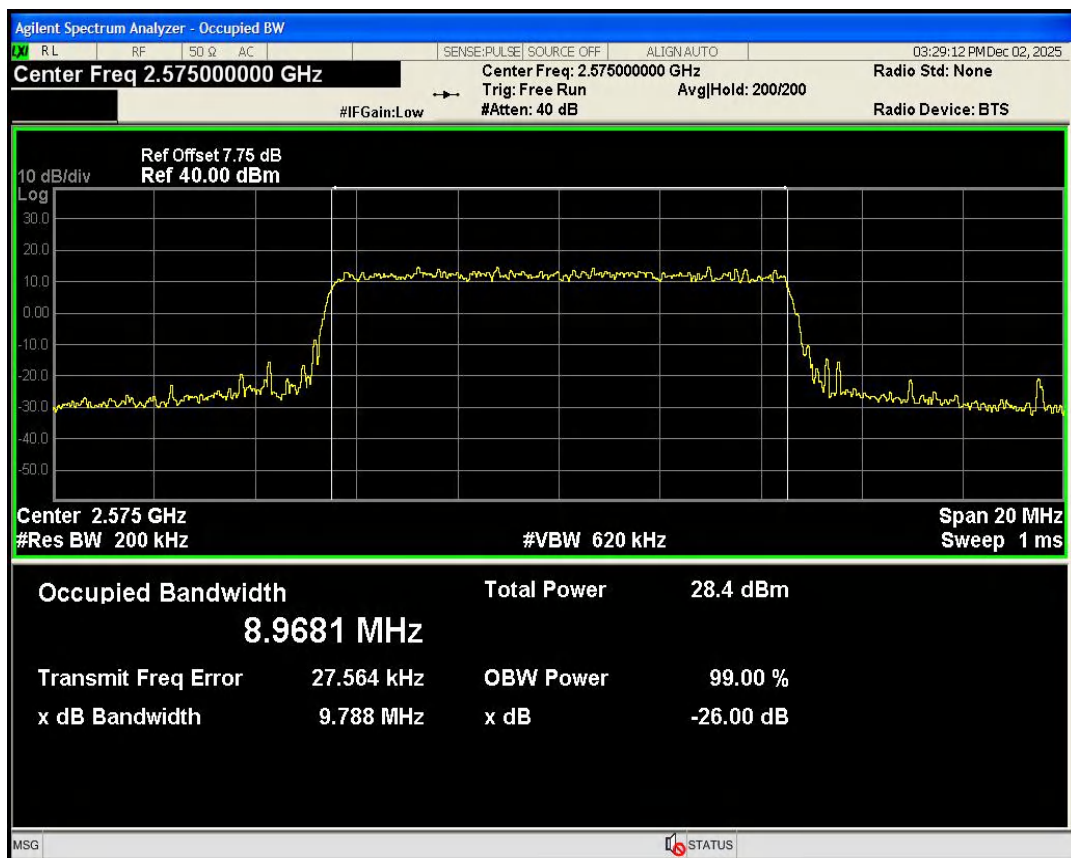
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



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



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



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

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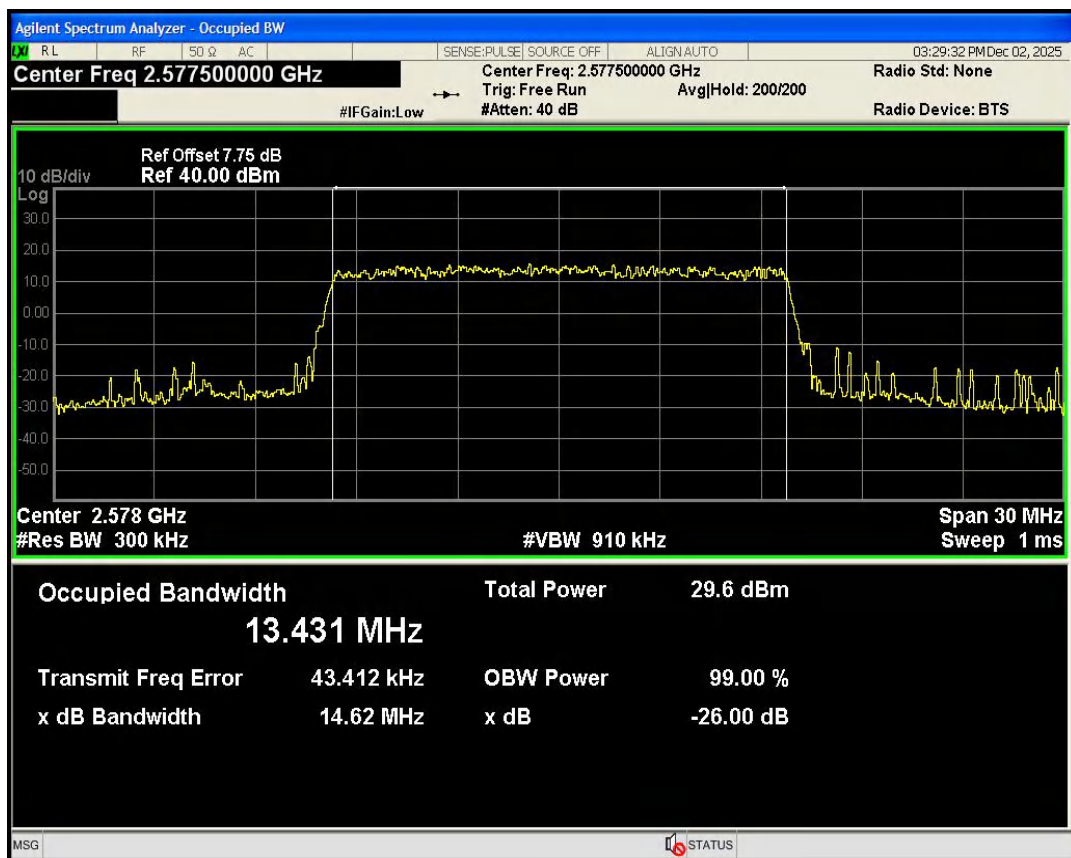
No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

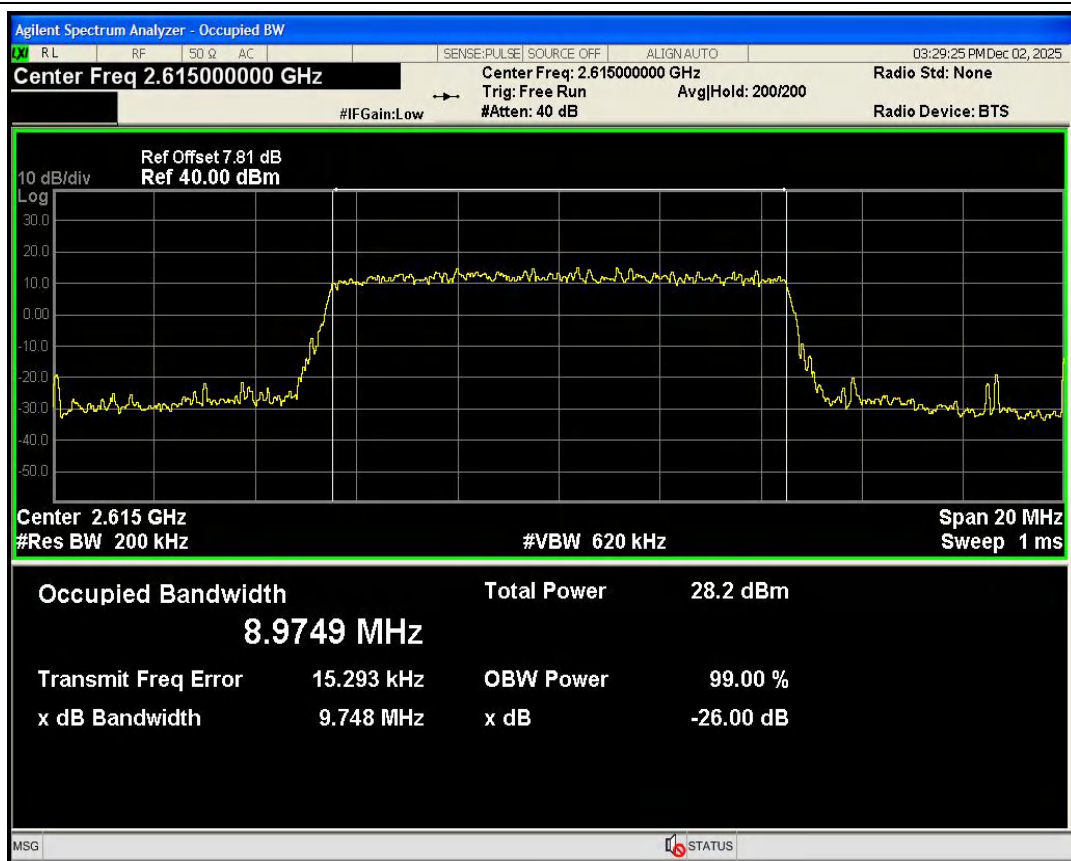
Test Model(s): D9863



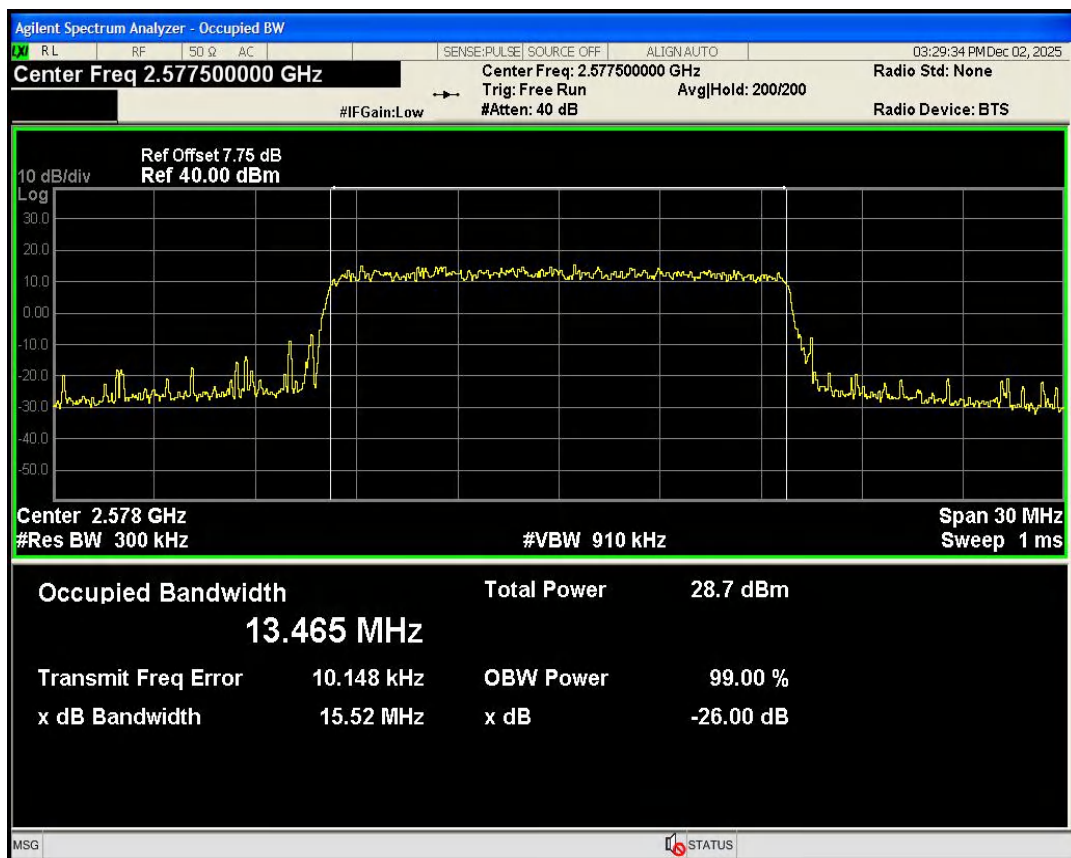
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



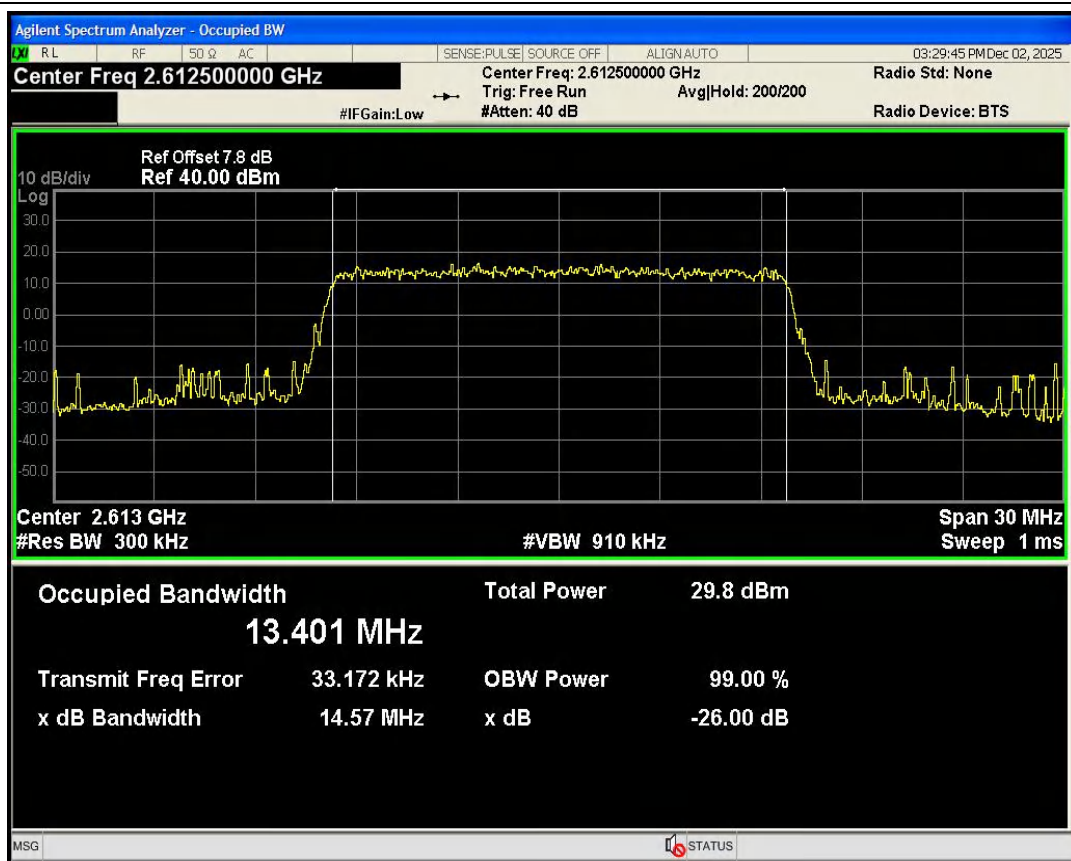
Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0



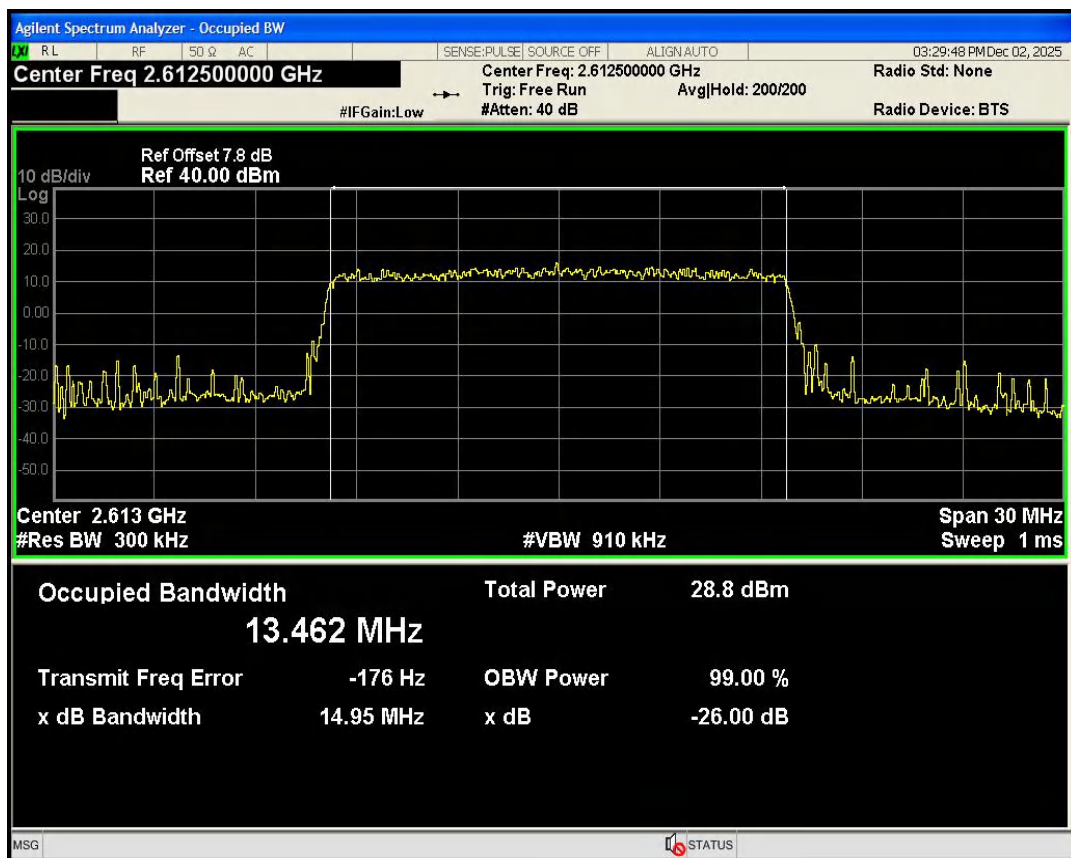
Band38 QAM16 BW=15MHz Channel=37825 RB Size=75 Position=#0



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



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



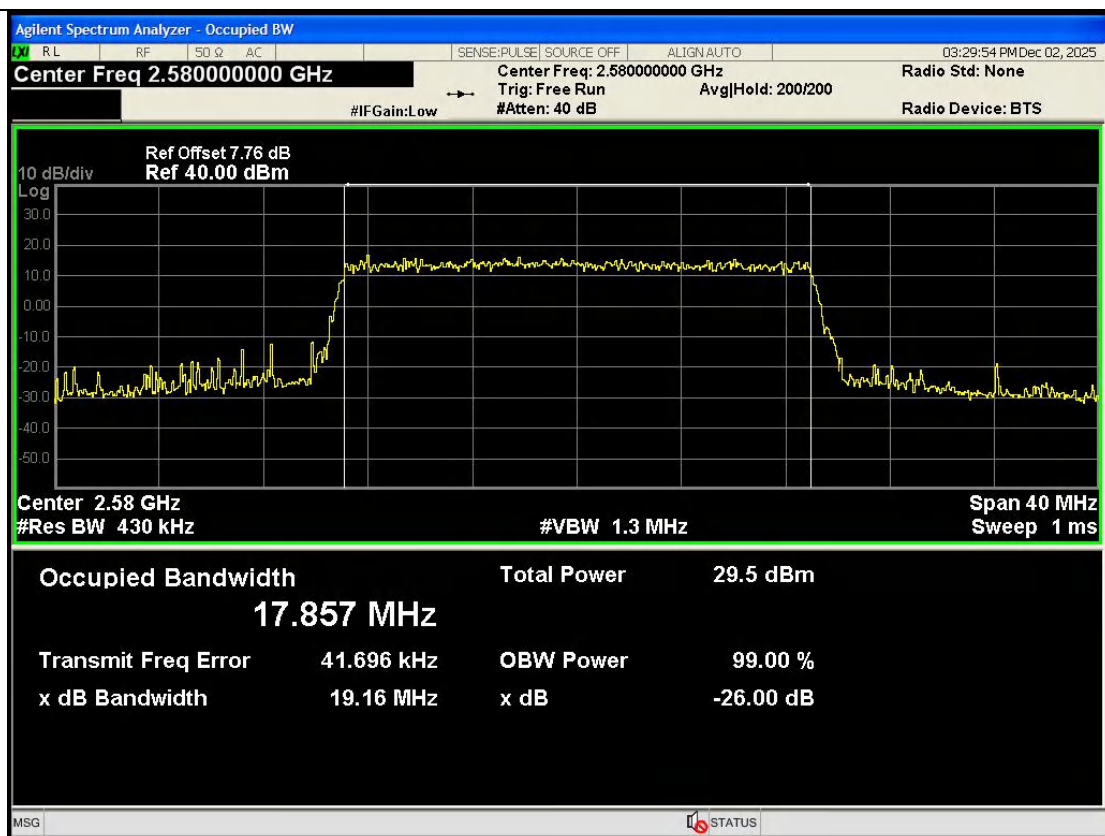
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0

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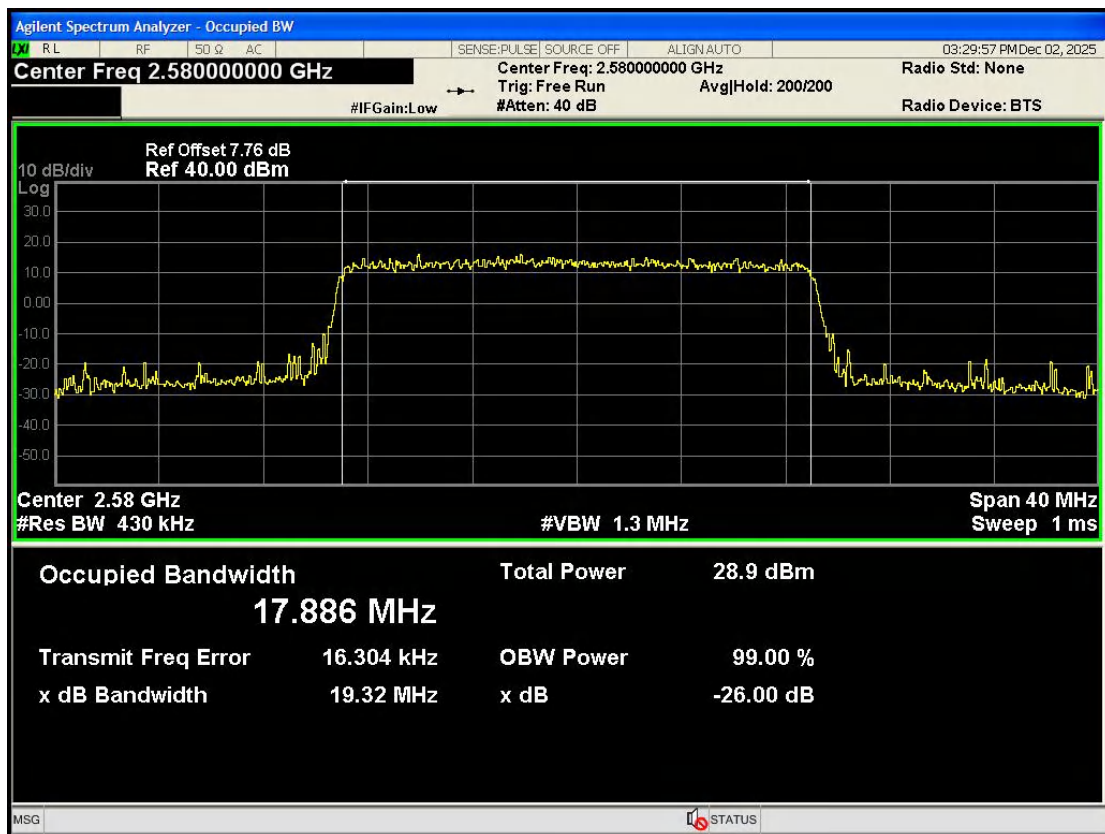
No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

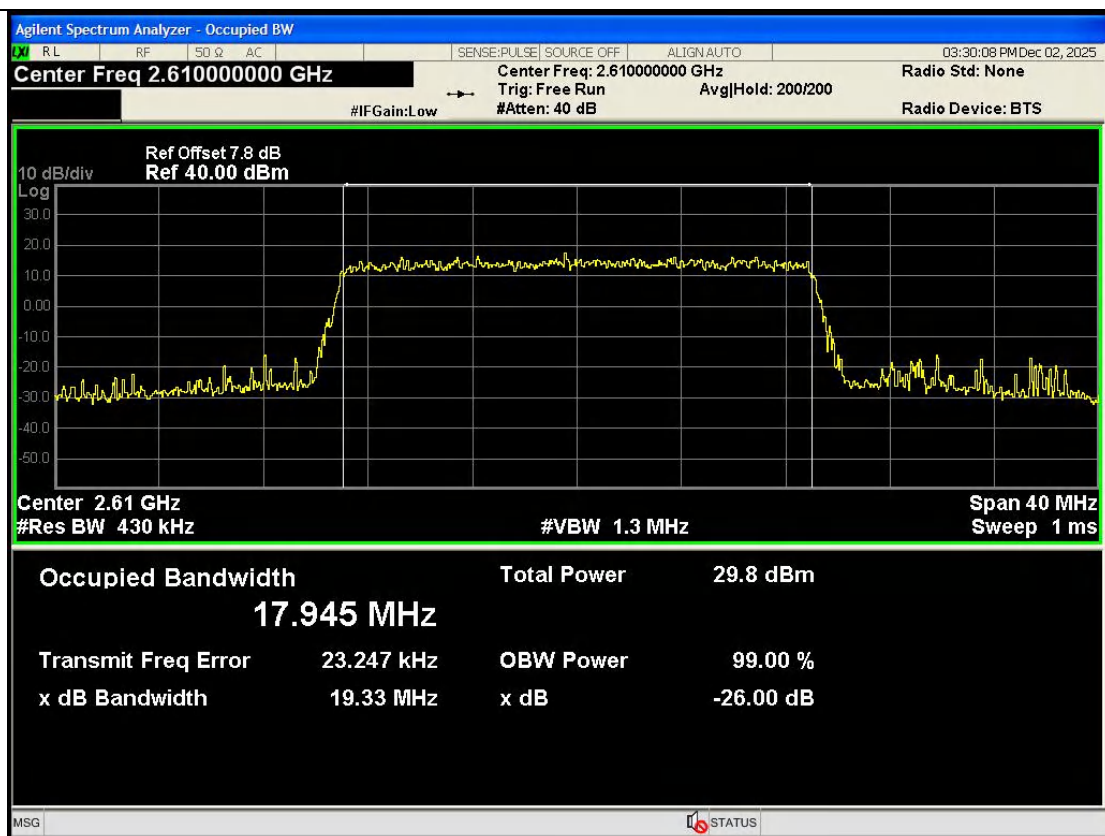
Test Model(s): D9863



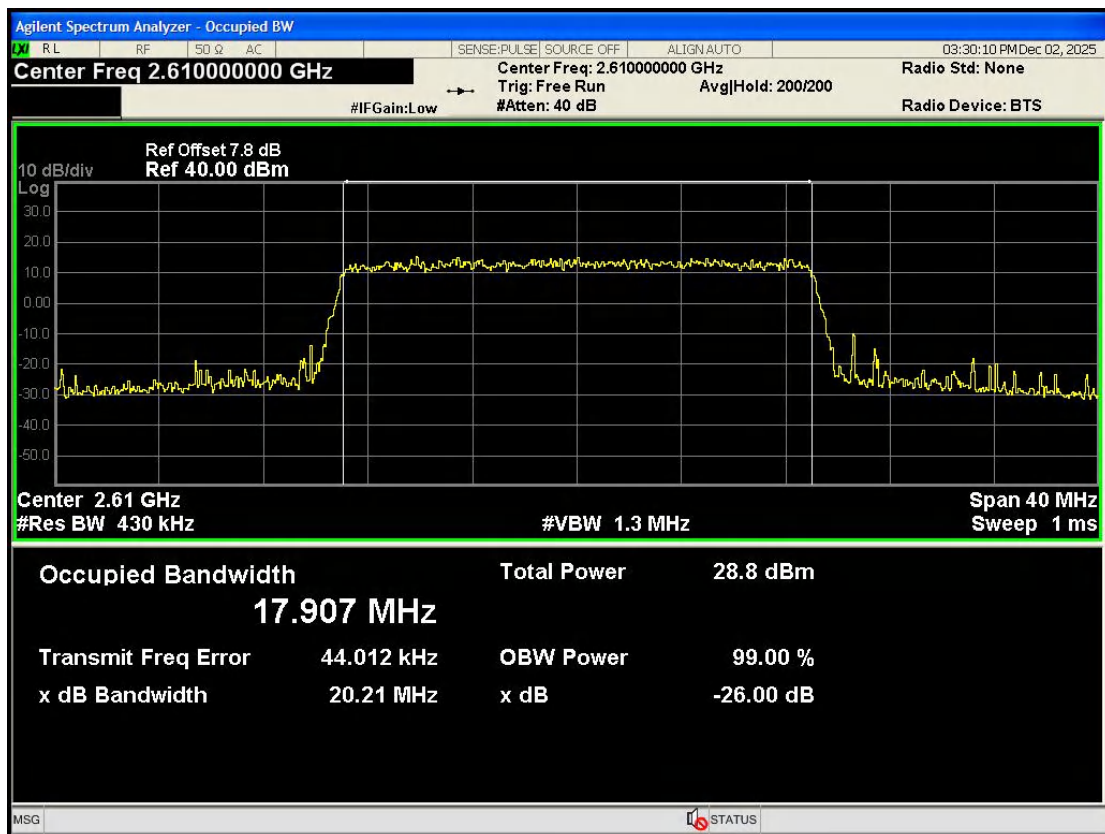
Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0



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



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



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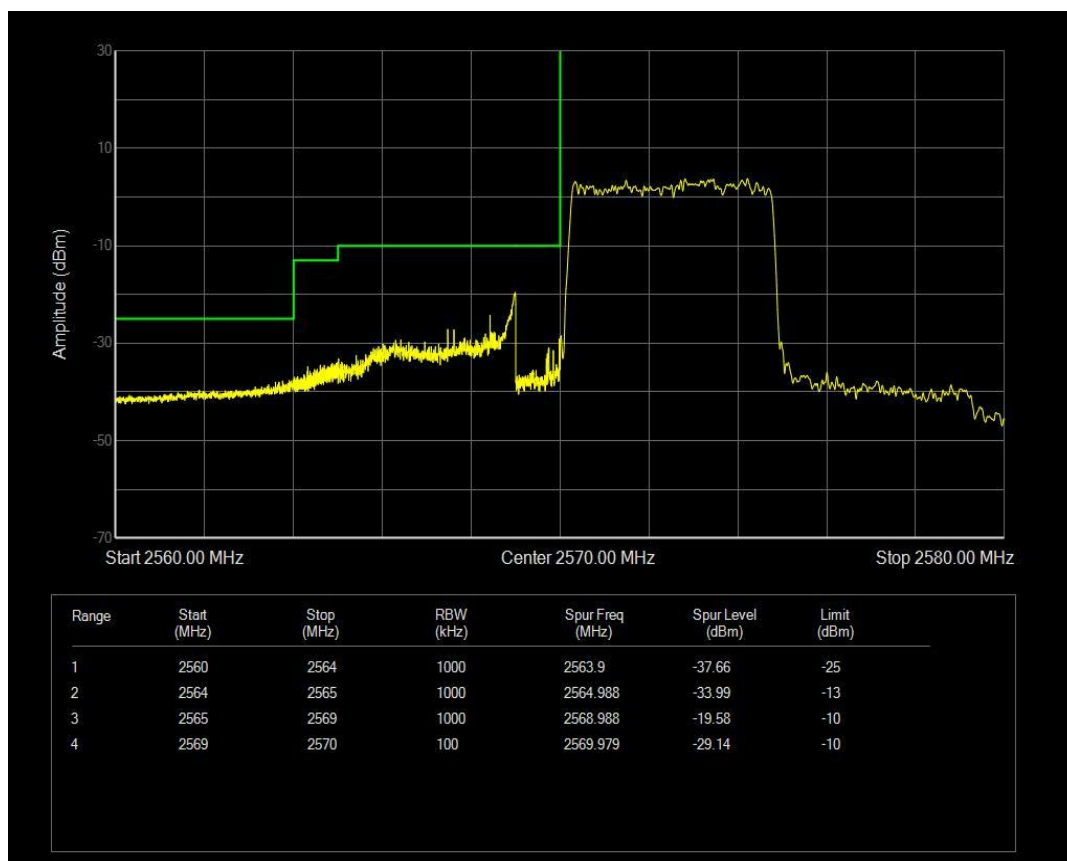
FCC ID:2BS6T-D9863

Test Model(s): D9863

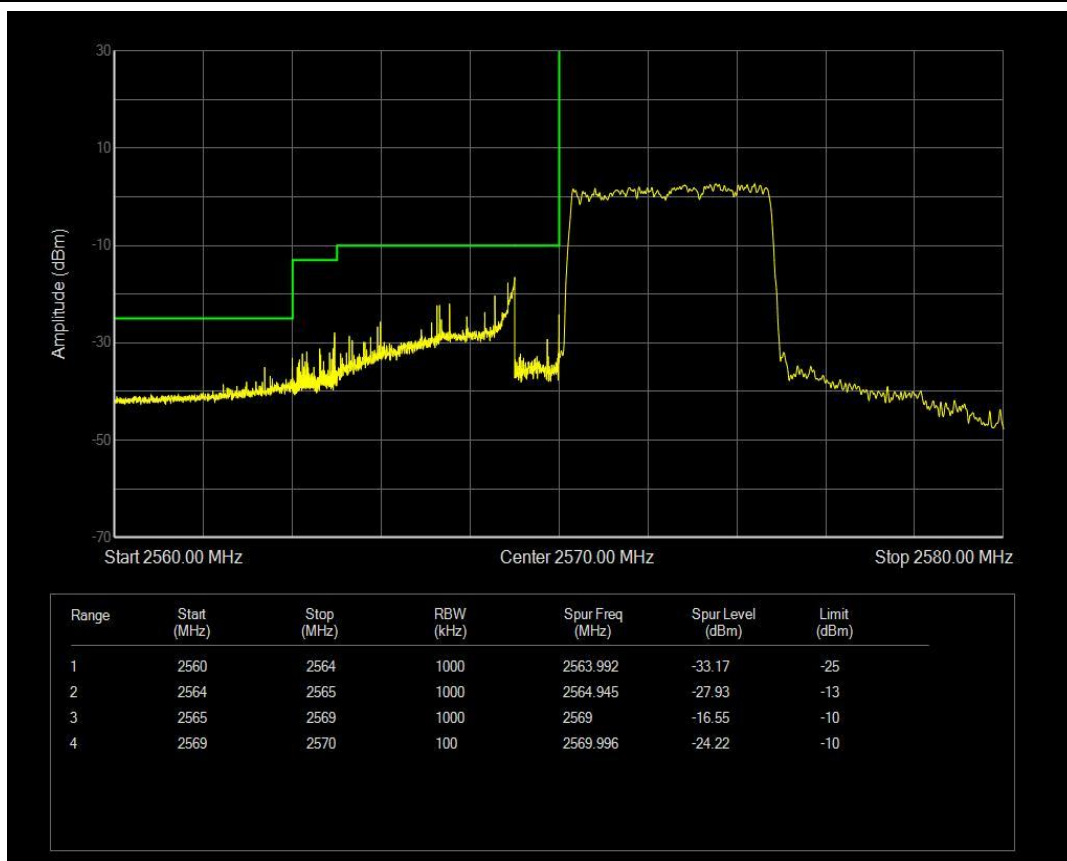
5 Band edge

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	2568.99	-19.58	-10	PASS
Band38	5	37775	25	#0	QAM16	2569.00	-16.55	-10	PASS
Band38	5	38225	25	#0	QPSK	2621.00	-17.53	-10	PASS
Band38	5	38225	25	#0	QAM16	2621.10	-18.63	-10	PASS
Band38	10	37800	50	#0	QPSK	2559.83	-37.44	-25	PASS
Band38	10	37800	50	#0	QAM16	2559.55	-36.95	-25	PASS
Band38	10	38200	50	#0	QPSK	2630.34	-36.45	-25	PASS
Band38	10	38200	50	#0	QAM16	2630.69	-38.02	-25	PASS
Band38	15	37825	75	#0	QPSK	2554.80	-36.58	-25	PASS
Band38	15	37825	75	#0	QAM16	2553.78	-37.27	-25	PASS
Band38	15	38175	75	#0	QPSK	2635.45	-37.75	-25	PASS
Band38	15	38175	75	#0	QAM16	2635.11	-38.11	-25	PASS
Band38	20	37850	100	#0	QPSK	2549.82	-39.25	-25	PASS
Band38	20	37850	100	#0	QAM16	2549.43	-38.60	-25	PASS
Band38	20	38150	100	#0	QPSK	2640.54	-39.59	-25	PASS
Band38	20	38150	100	#0	QAM16	2640.06	-38.74	-25	PASS

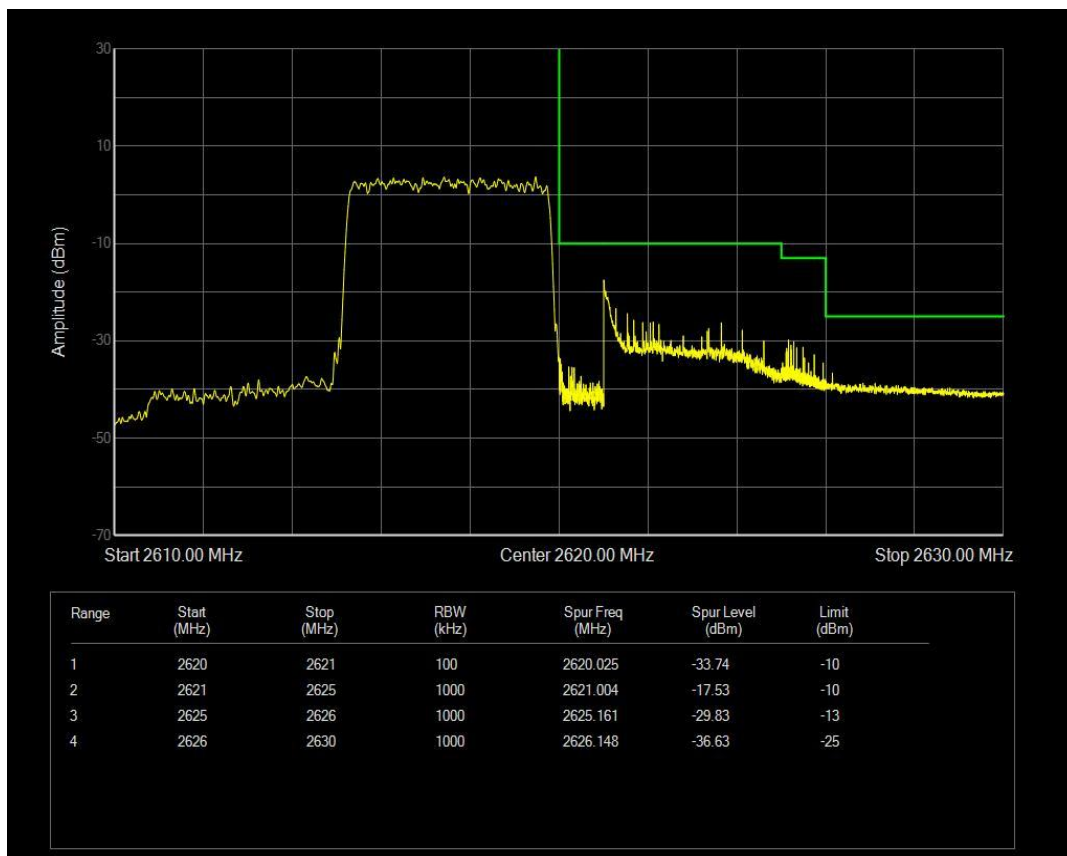
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



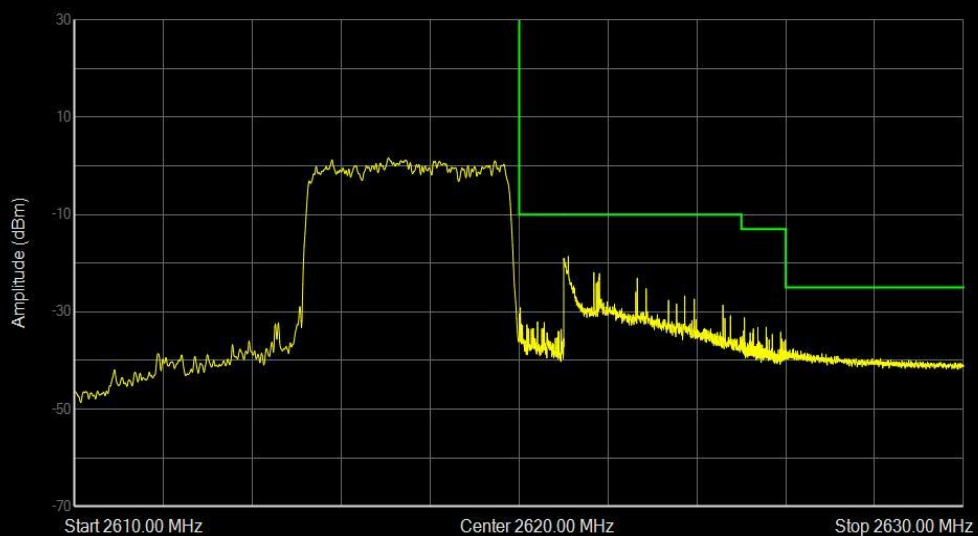
Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



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

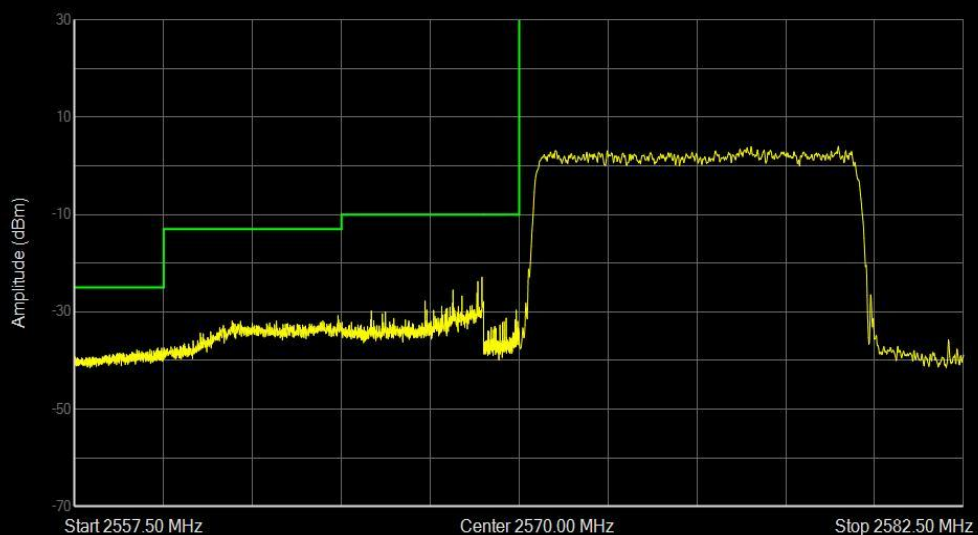


Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



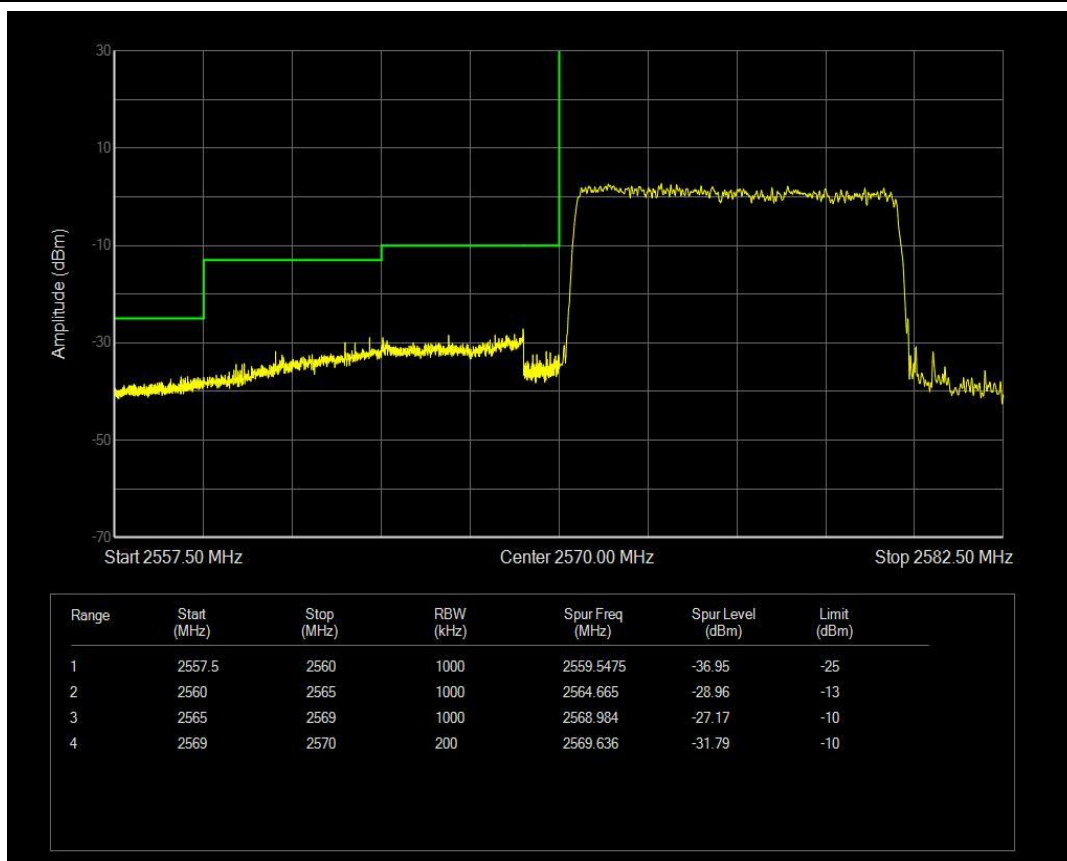
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	100	2620.025	-29.15	-10
2	2621	2625	1000	2621.104	-18.63	-10
3	2625	2626	1000	2625.068	-31.17	-13
4	2626	2630	1000	2626.168	-37.63	-25

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

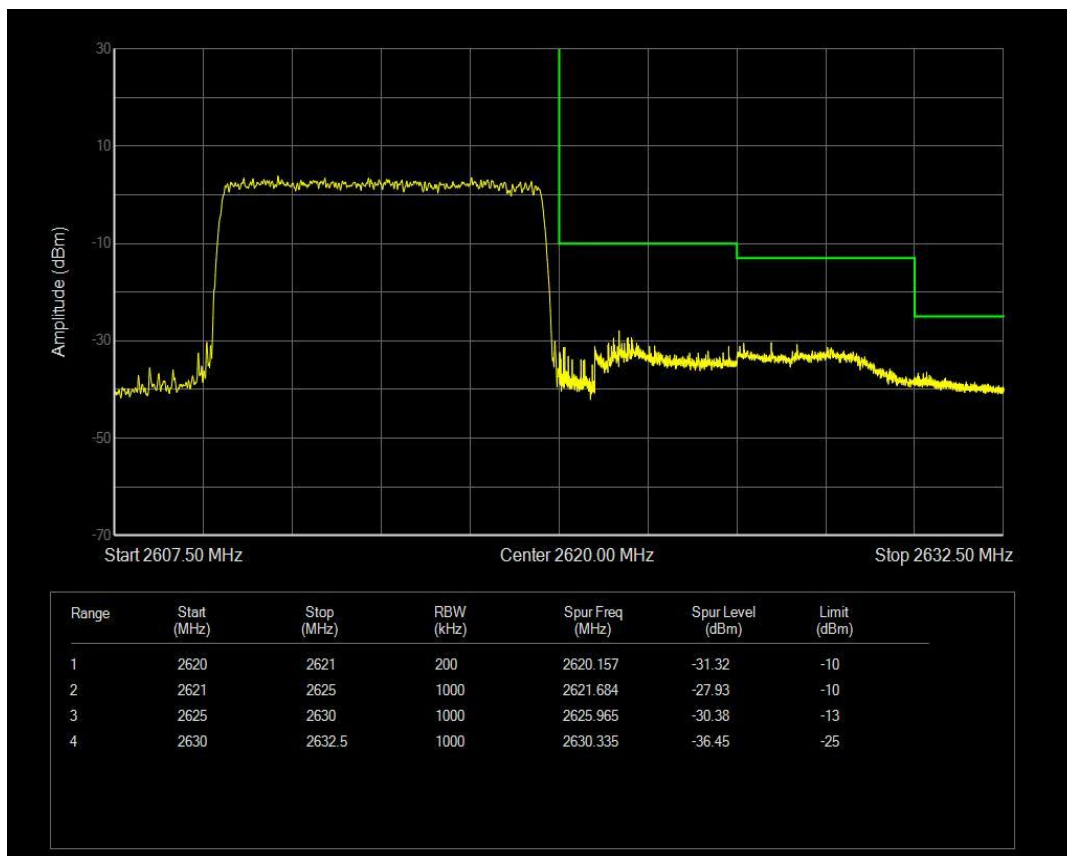


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2557.5	2560	1000	2559.83	-37.44	-25
2	2560	2565	1000	2564.9	-30.78	-13
3	2565	2569	1000	2568.952	-22.86	-10
4	2569	2570	200	2569.916	-29.65	-10

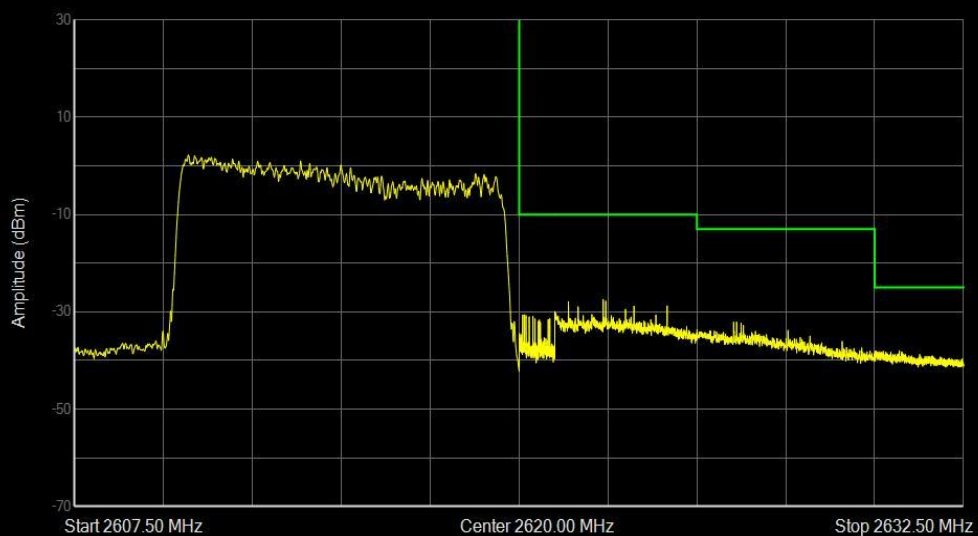
Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0



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

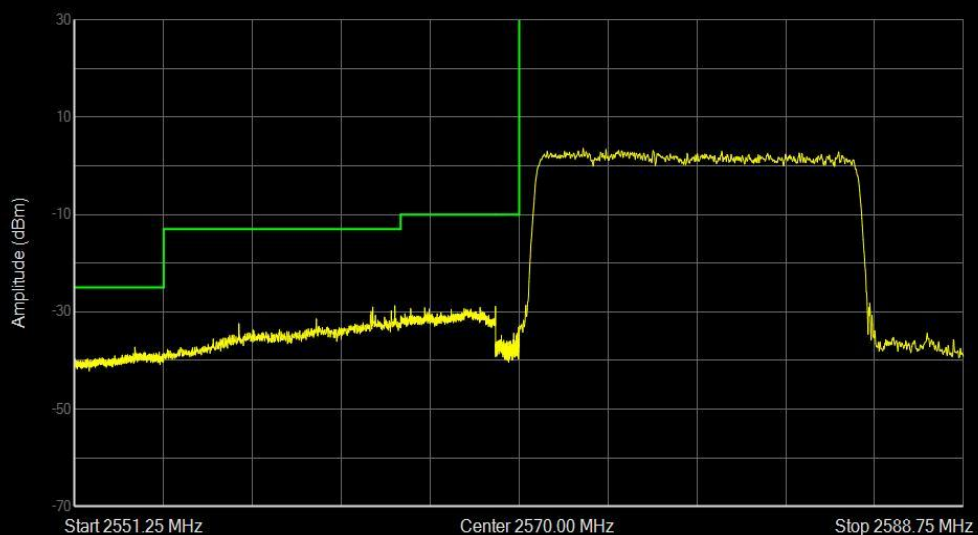


Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0



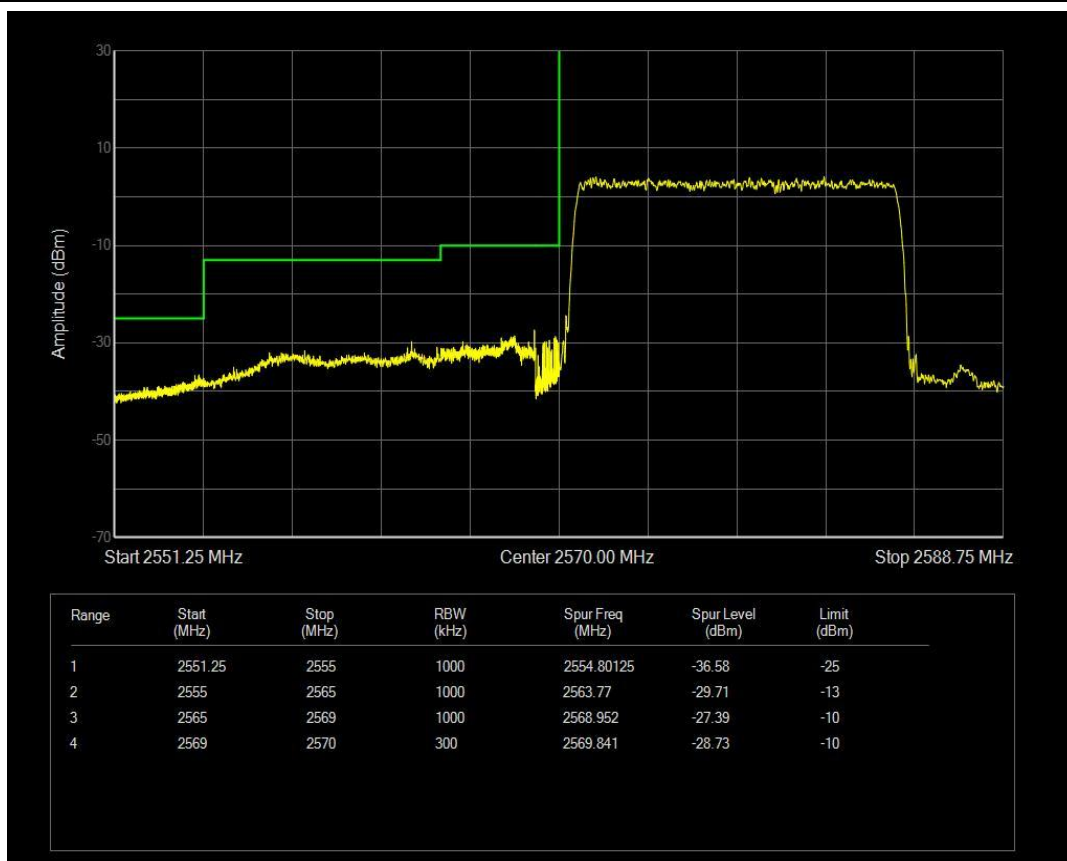
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	200	2620.14	-30.6	-10
2	2621	2625	1000	2622.36	-27.5	-10
3	2625	2630	1000	2626.115	-32.1	-13
4	2630	2632.5	1000	2630.6925	-38.02	-25

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

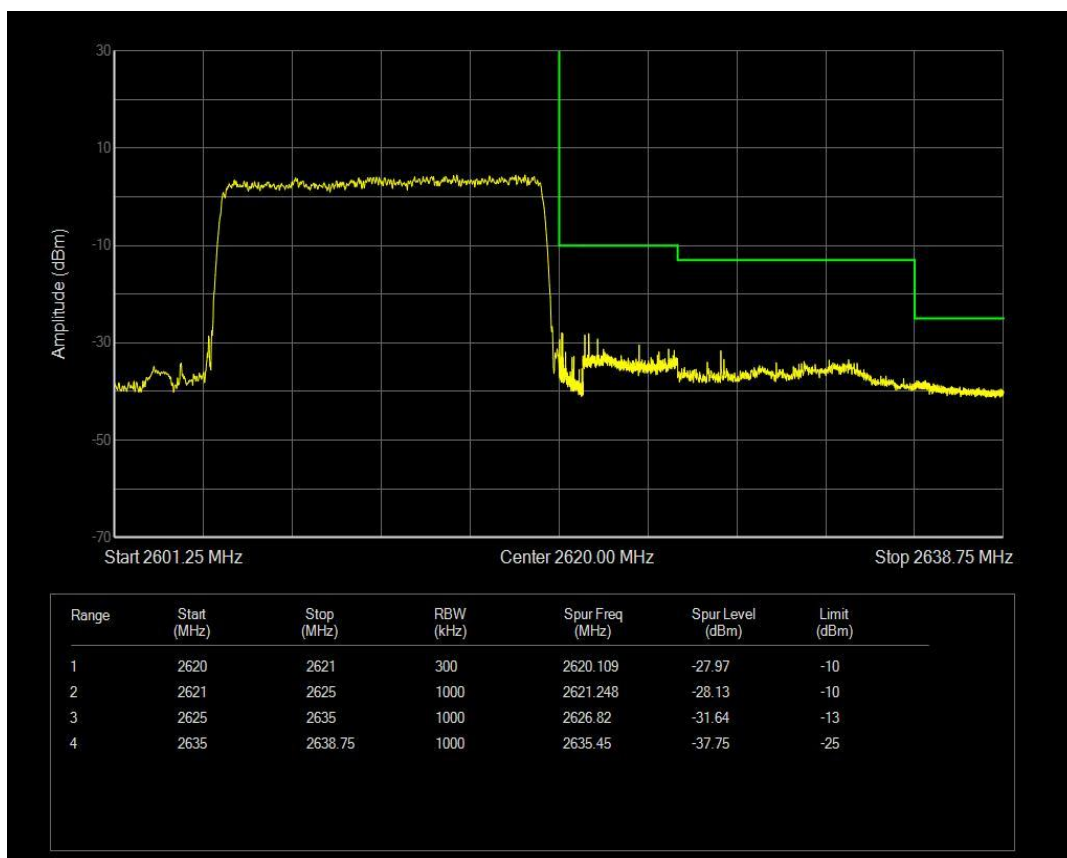


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2551.25	2555	1000	2553.78125	-37.27	-25
2	2555	2565	1000	2564.75	-28.76	-13
3	2565	2569	1000	2568.996	-28.88	-10
4	2569	2570	300	2569.974	-33.24	-10

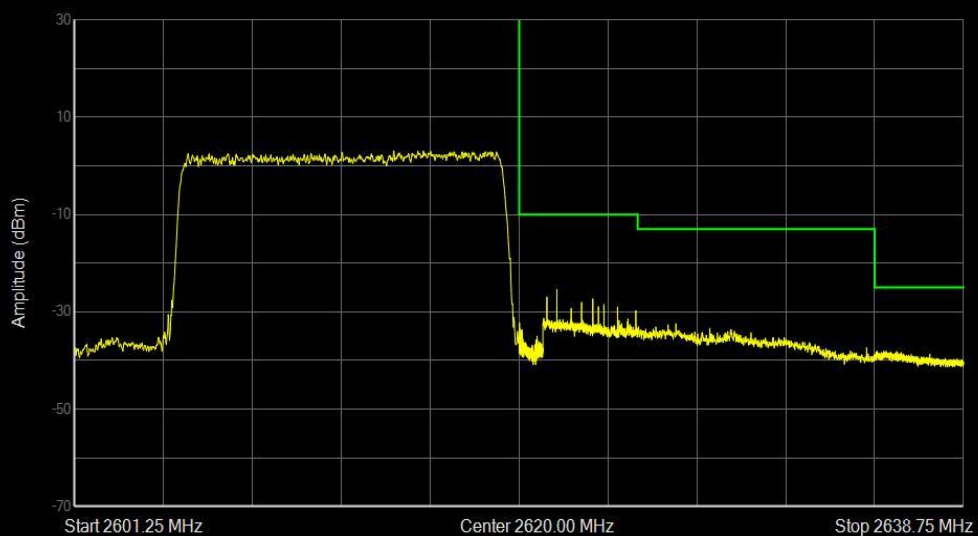
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0



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

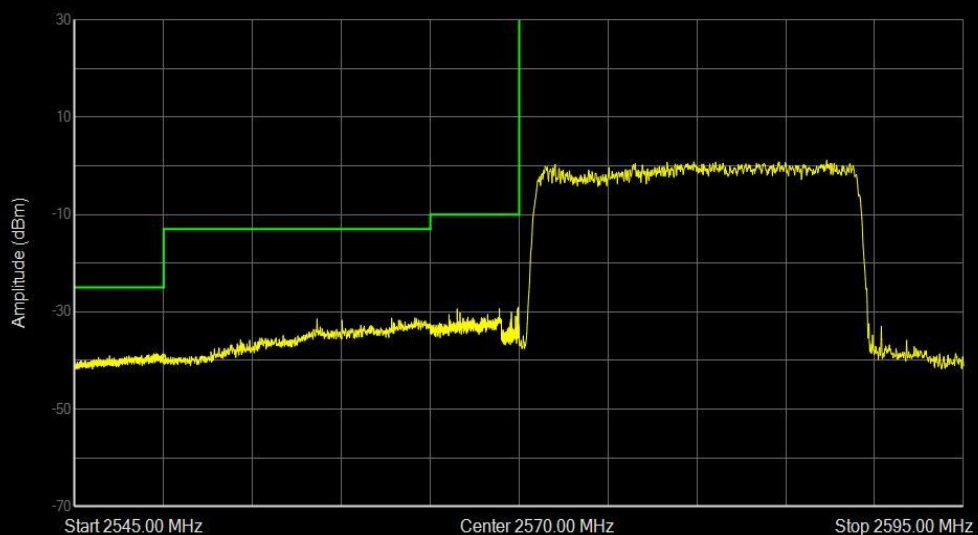


Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0



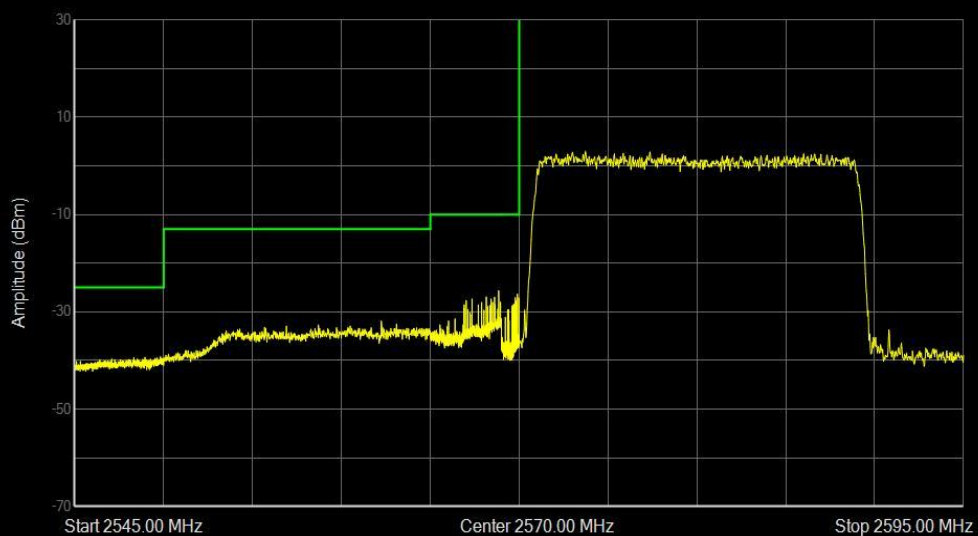
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	300	2620.012	-32.27	-10
2	2621	2625	1000	2621.588	-25.43	-10
3	2625	2635	1000	2626.61	-32.45	-13
4	2635	2638.75	1000	2635.105	-38.11	-25

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



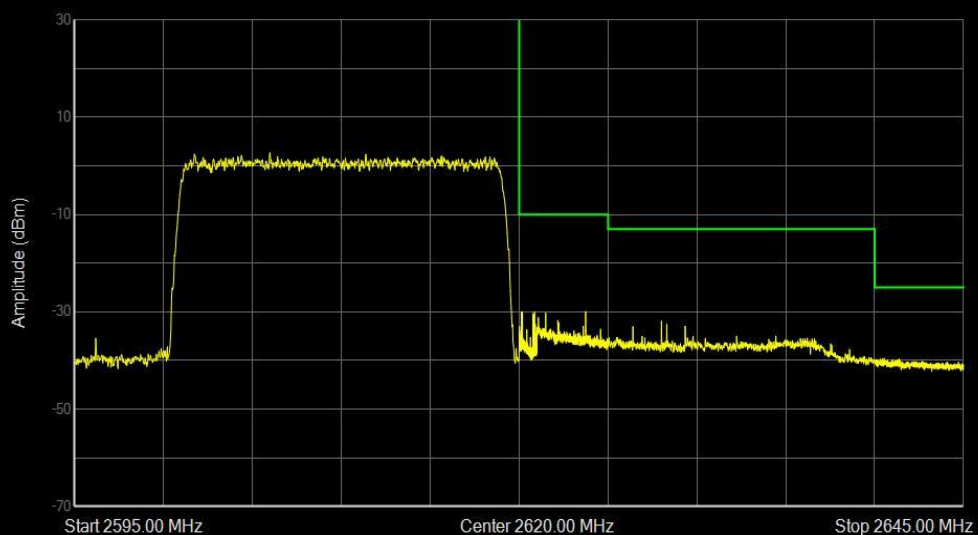
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2545	2550	1000	2549.43	-38.6	-25
2	2550	2565	1000	2564.13	-31.23	-13
3	2565	2569	1000	2568.884	-29.37	-10
4	2569	2570	430	2569.948	-29.02	-10

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	2549.815	-39.25	-25
2	2550	2565	1000	2562.24	-31.91	-13
3	2565	2569	1000	2568.844	-25.67	-10
4	2569	2570	430	2569.897	-26.33	-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	2620.181	-30.04	-10
2	2621	2625	1000	2623.736	-29.95	-10
3	2625	2640	1000	2628	-31.92	-13
4	2640	2645	1000	2640.535	-39.59	-25

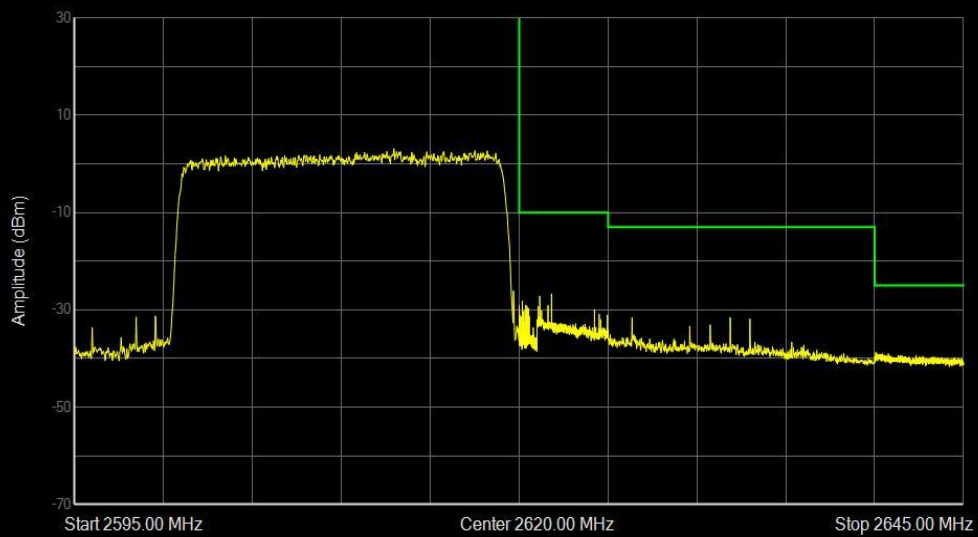
Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0

Chengdu Heyue Electronics Co., Ltd.

No. 49, 9th Floor, Building 2, Moore International Auto Parts City, No. 16 Julong Road, Wuhou District, Chengdu

FCC ID:2BS6T-D9863

Test Model(s): D9863



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	2620	2621	430	2620.177	-28.2	-10
2	2621	2625	1000	2621.816	-26.75	-10
3	2625	2640	1000	2626.35	-31.62	-13
4	2640	2645	1000	2640.06	-38.74	-25

Chengdu Heyue Electronics Co., Ltd.

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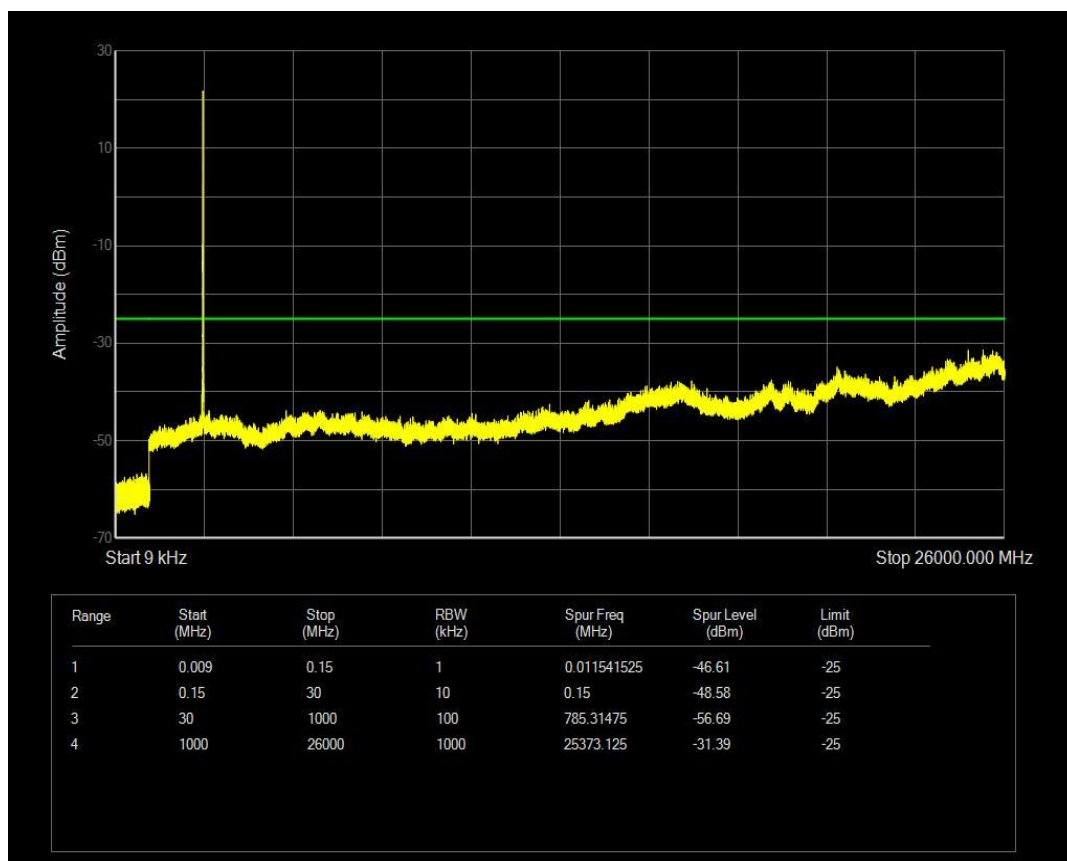
FCC ID:2BS6T-D9863

Test Model(s): D9863

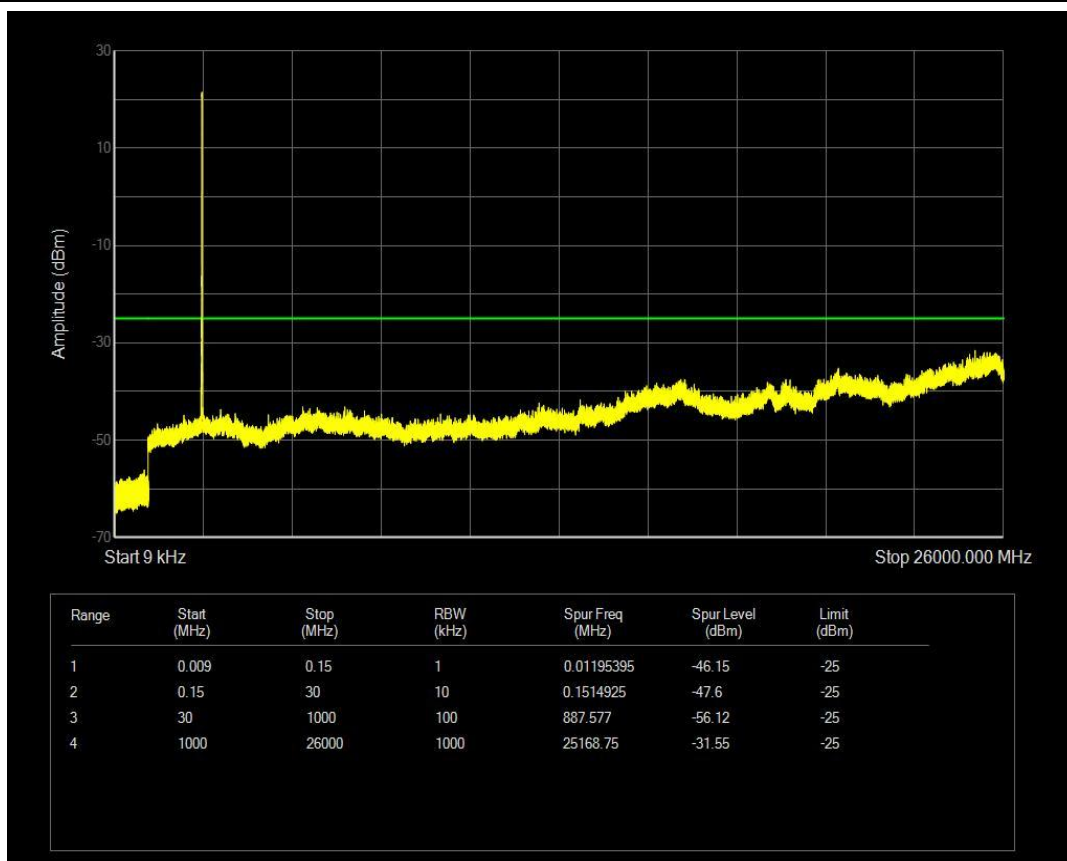
6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band38	5	37775	25	#0	QPSK	25373.13	-31.39	-25	PASS
Band38	5	37775	25	#0	QAM16	25168.75	-31.55	-25	PASS
Band38	5	38225	25	#0	QPSK	25735.63	-30.80	-25	PASS
Band38	5	38225	25	#0	QAM16	25753.75	-30.67	-25	PASS
Band38	10	37800	50	#0	QPSK	25599.38	-31.49	-25	PASS
Band38	10	37800	50	#0	QAM16	25781.25	-31.32	-25	PASS
Band38	10	38200	50	#0	QPSK	25777.50	-31.06	-25	PASS
Band38	10	38200	50	#0	QAM16	25533.75	-31.48	-25	PASS
Band38	15	37825	75	#0	QPSK	25728.13	-31.70	-25	PASS
Band38	15	37825	75	#0	QAM16	25752.50	-31.22	-25	PASS
Band38	15	38175	75	#0	QPSK	25450.63	-31.29	-25	PASS
Band38	15	38175	75	#0	QAM16	25713.75	-31.05	-25	PASS
Band38	20	37850	100	#0	QPSK	25648.13	-31.15	-25	PASS
Band38	20	37850	100	#0	QAM16	25838.75	-29.88	-25	PASS
Band38	20	38150	100	#0	QPSK	25795.63	-30.99	-25	PASS
Band38	20	38150	100	#0	QAM16	25793.75	-28.69	-25	PASS

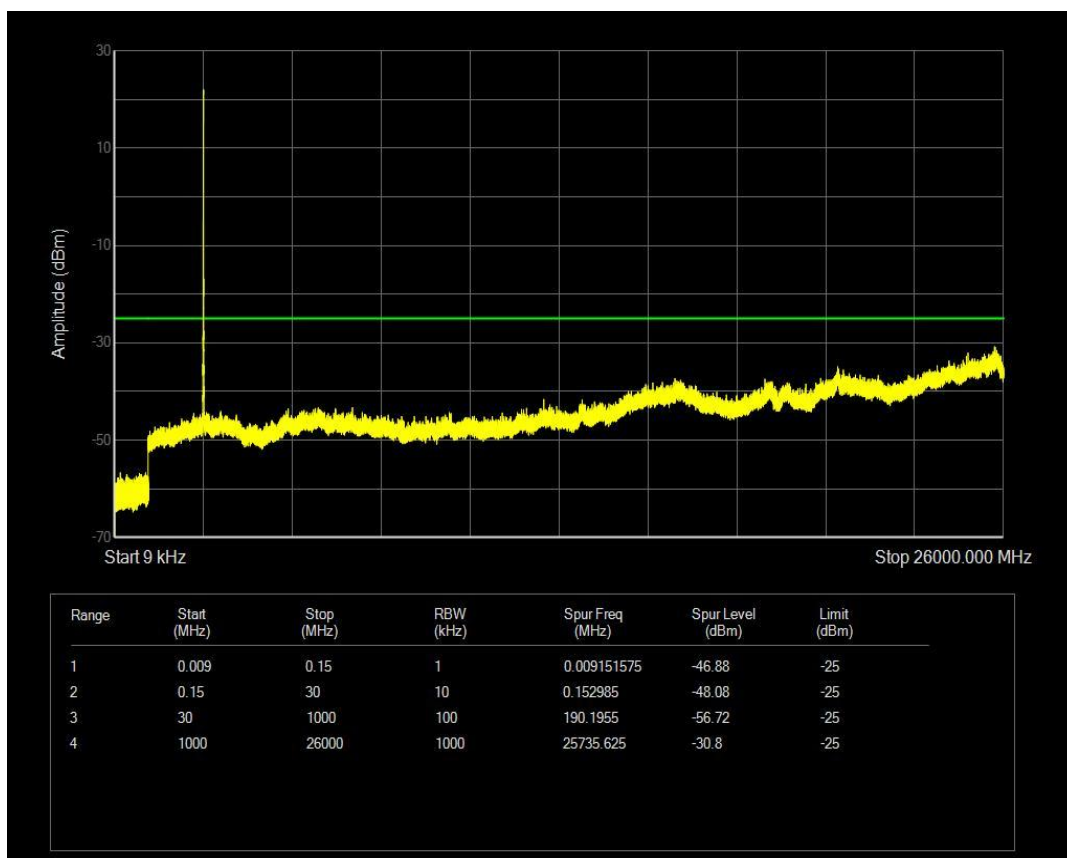
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0



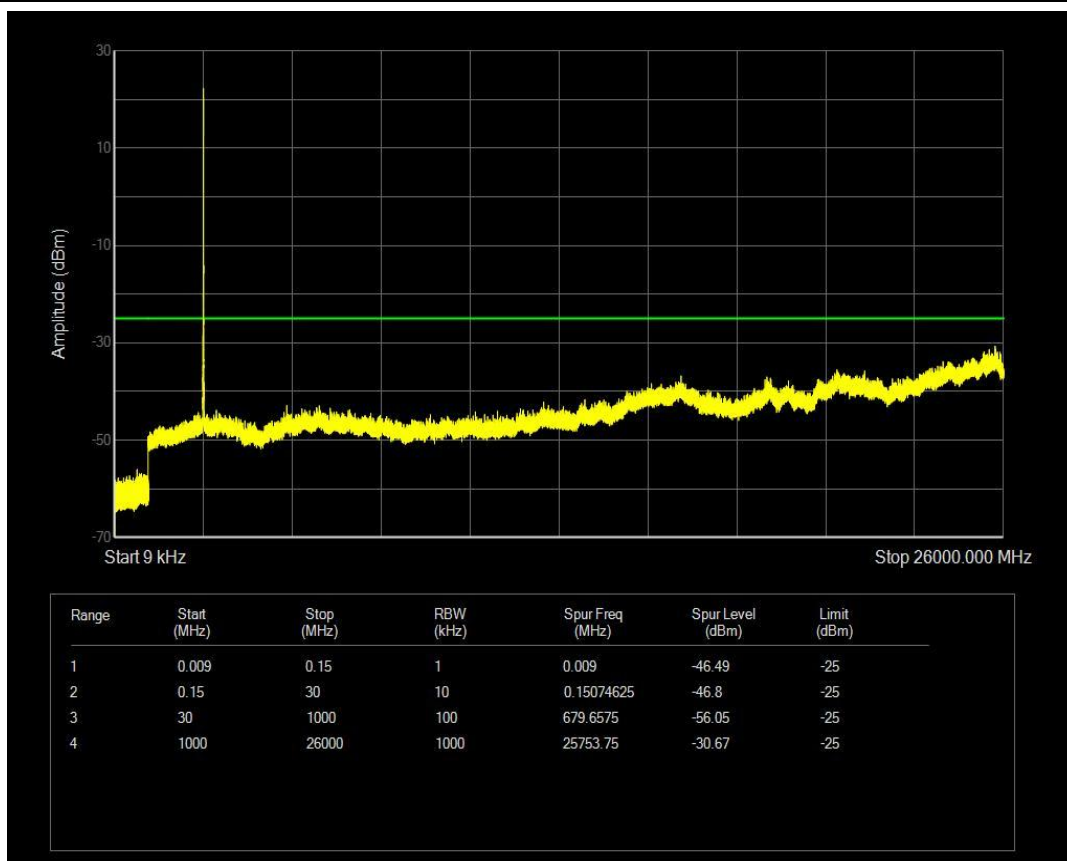
Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0



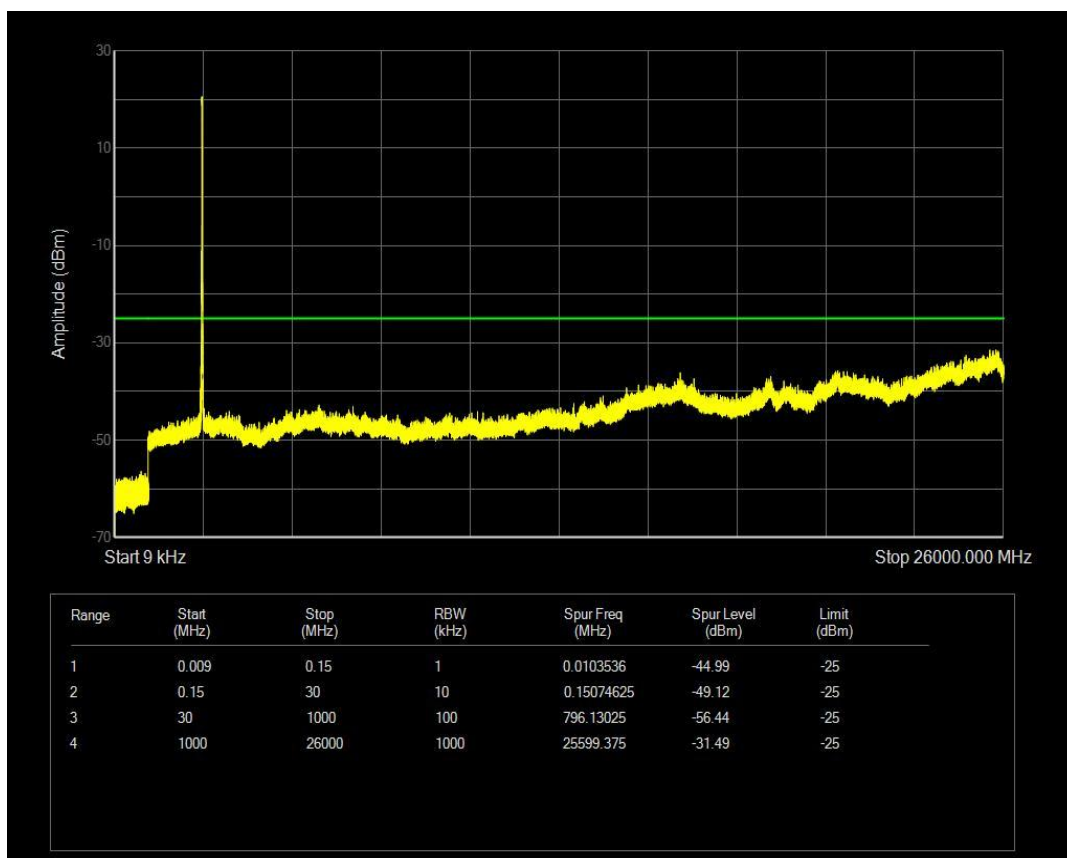
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0



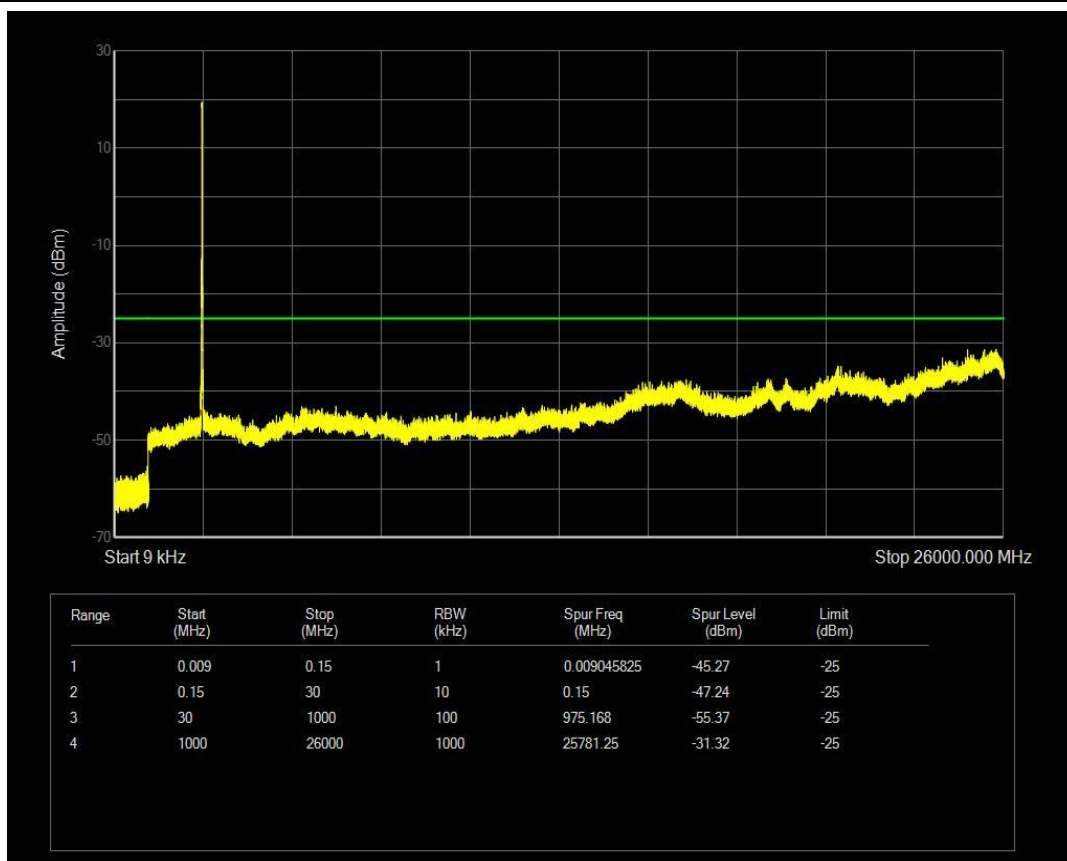
Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0



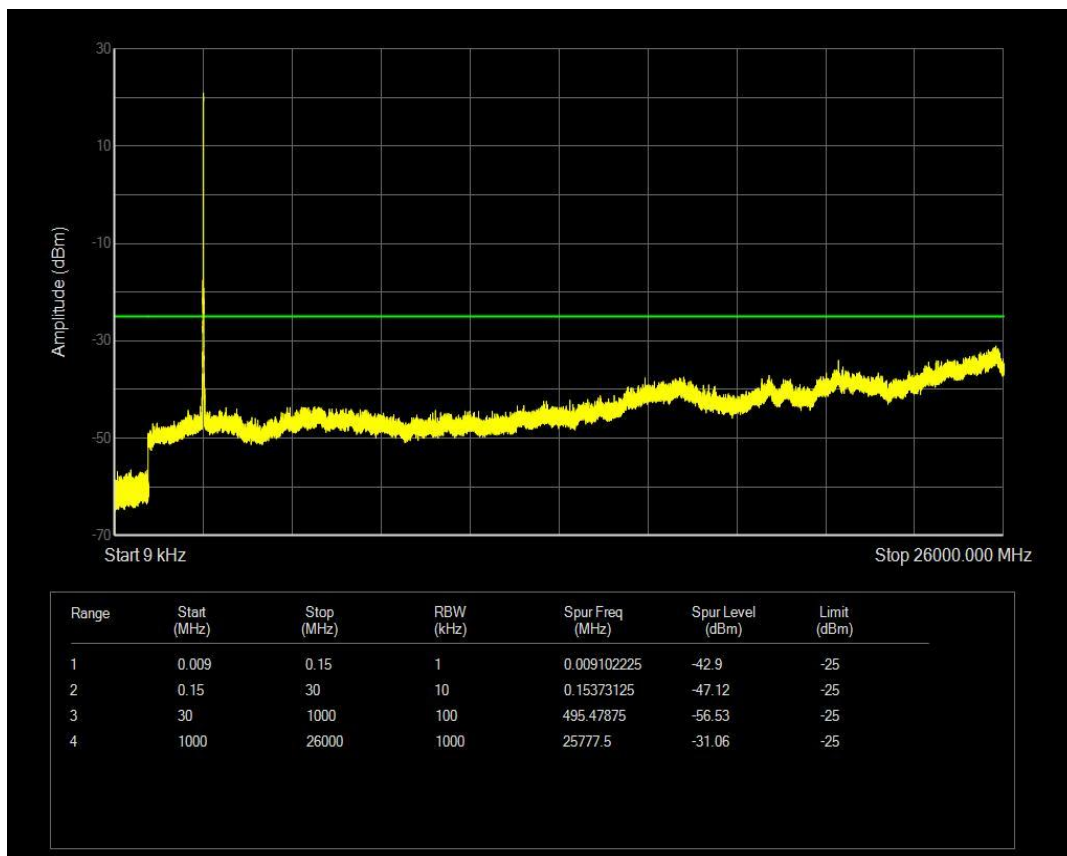
Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0



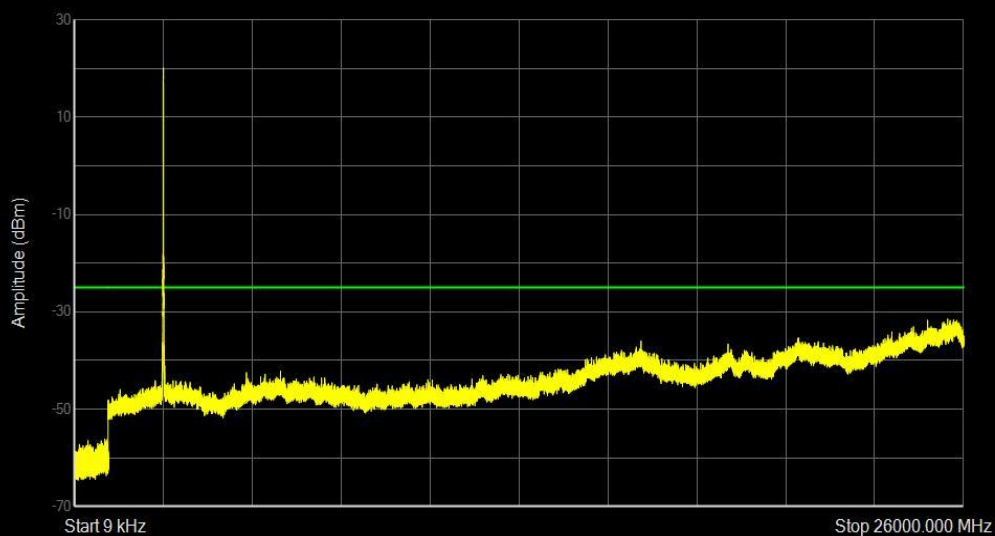
Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0



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

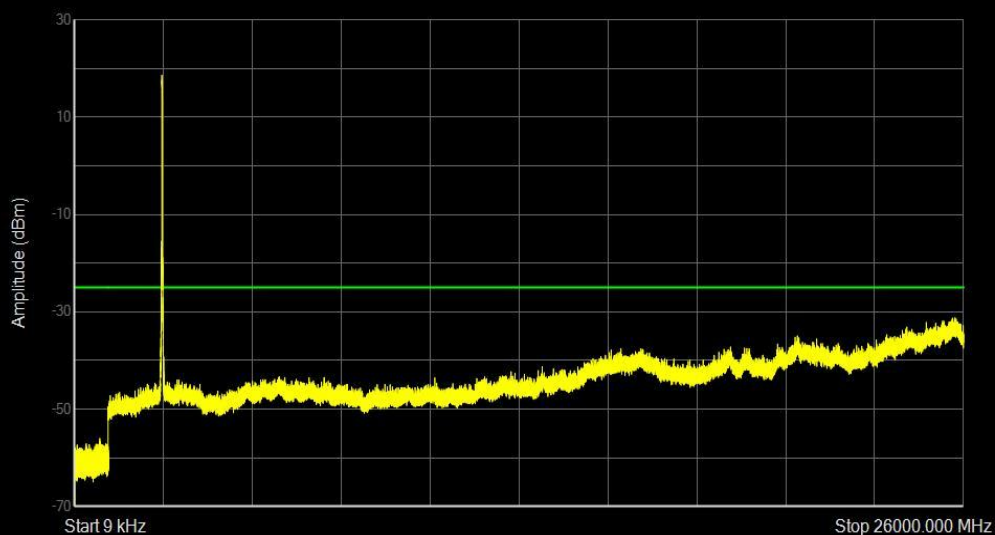


Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0



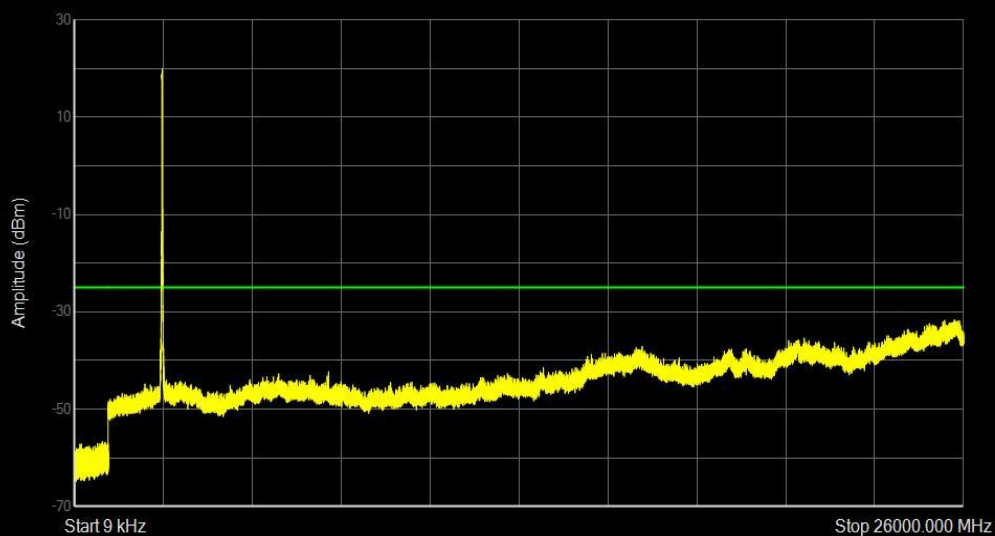
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-45.01	-25
2	0.15	30	10	0.15	-48.27	-25
3	30	1000	100	901.90875	-56.19	-25
4	1000	26000	1000	25533.75	-31.48	-25

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



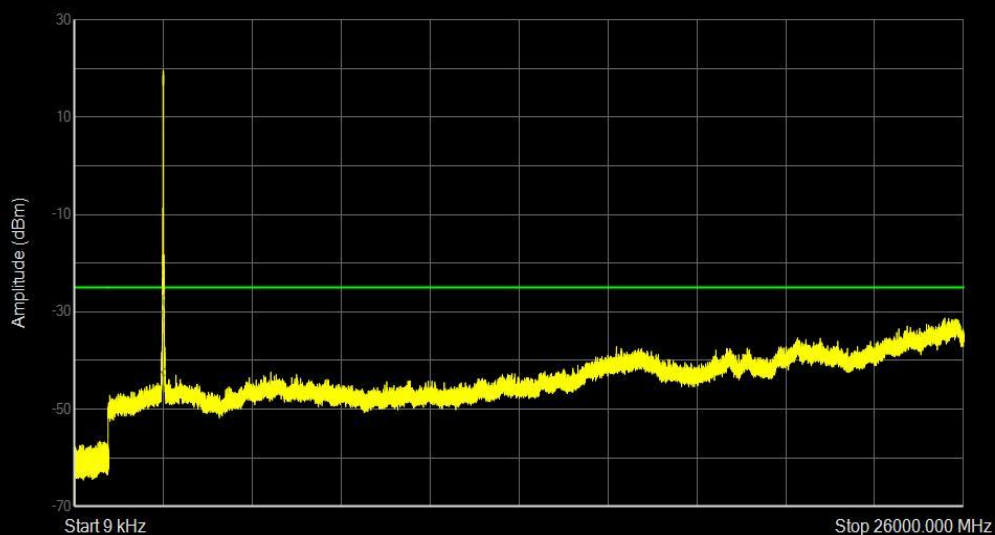
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0092115	-45.29	-25
2	0.15	30	10	0.15	-47.21	-25
3	30	1000	100	758.3245	-56.03	-25
4	1000	26000	1000	25752.5	-31.22	-25

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



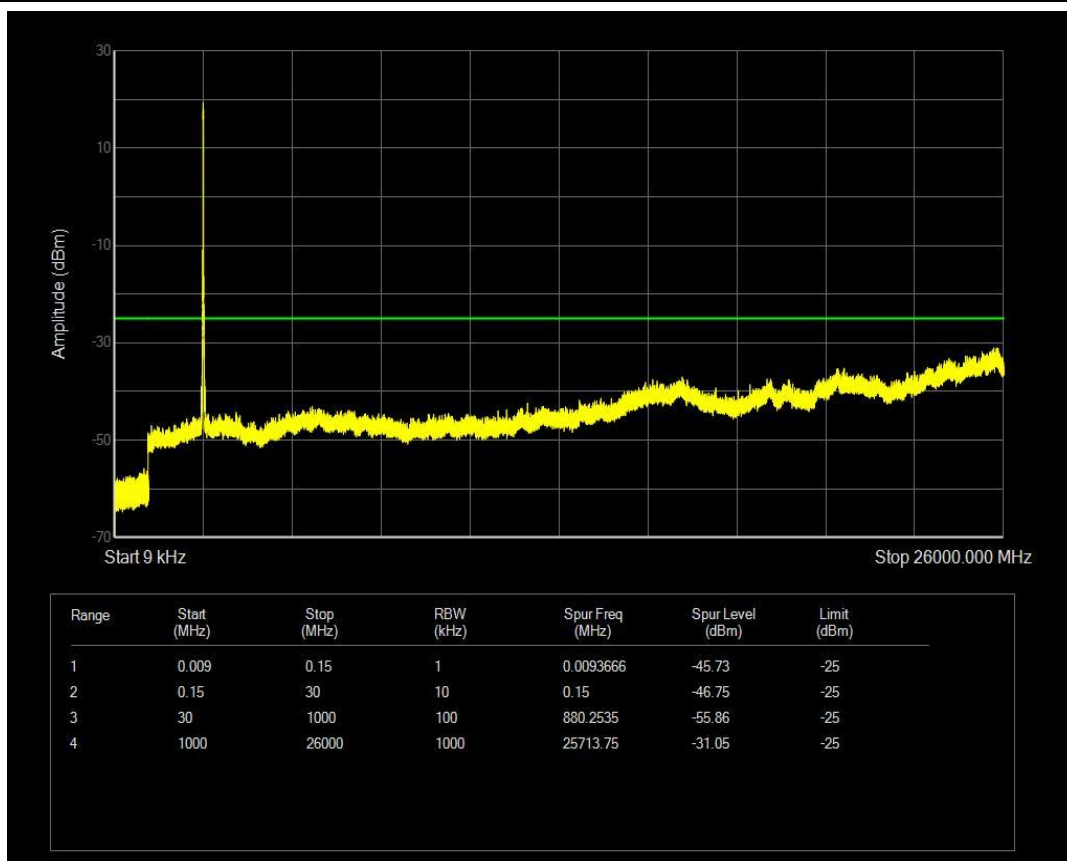
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009595725	-45.26	-25
2	0.15	30	10	0.15	-48.24	-25
3	30	1000	100	833.23275	-56.67	-25
4	1000	26000	1000	25728.125	-31.7	-25

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

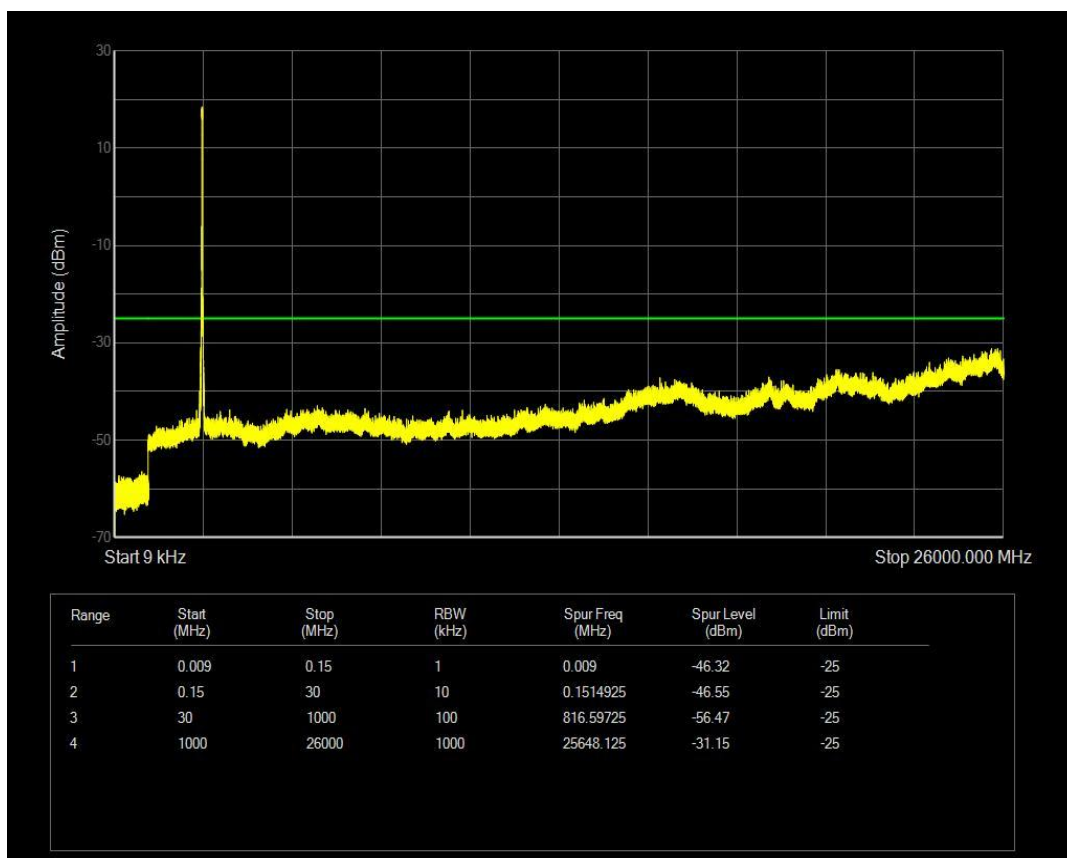


Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.00910575	-46.22	-25
2	0.15	30	10	0.15074625	-46.86	-25
3	30	1000	100	754.493	-56.63	-25
4	1000	26000	1000	25450.625	-31.29	-25

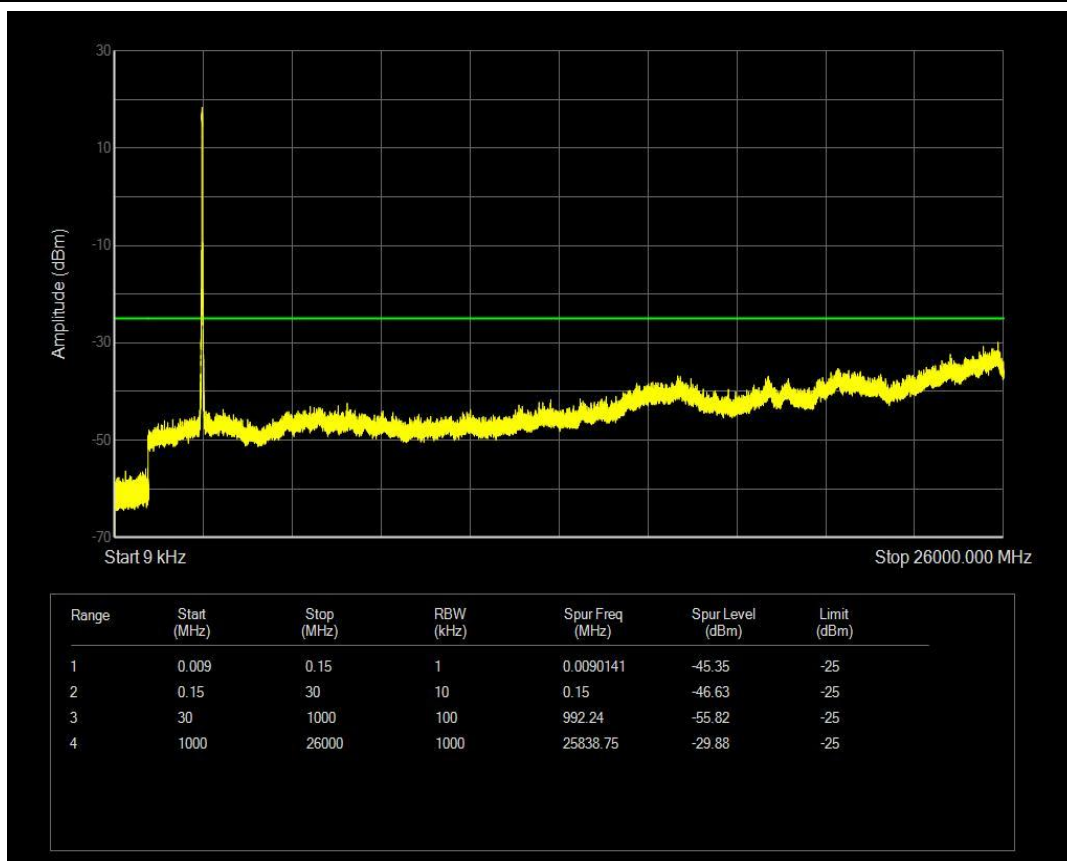
Band38 QAM16 BW=15MHz Channel=38175 RB Size=75 Position=#0



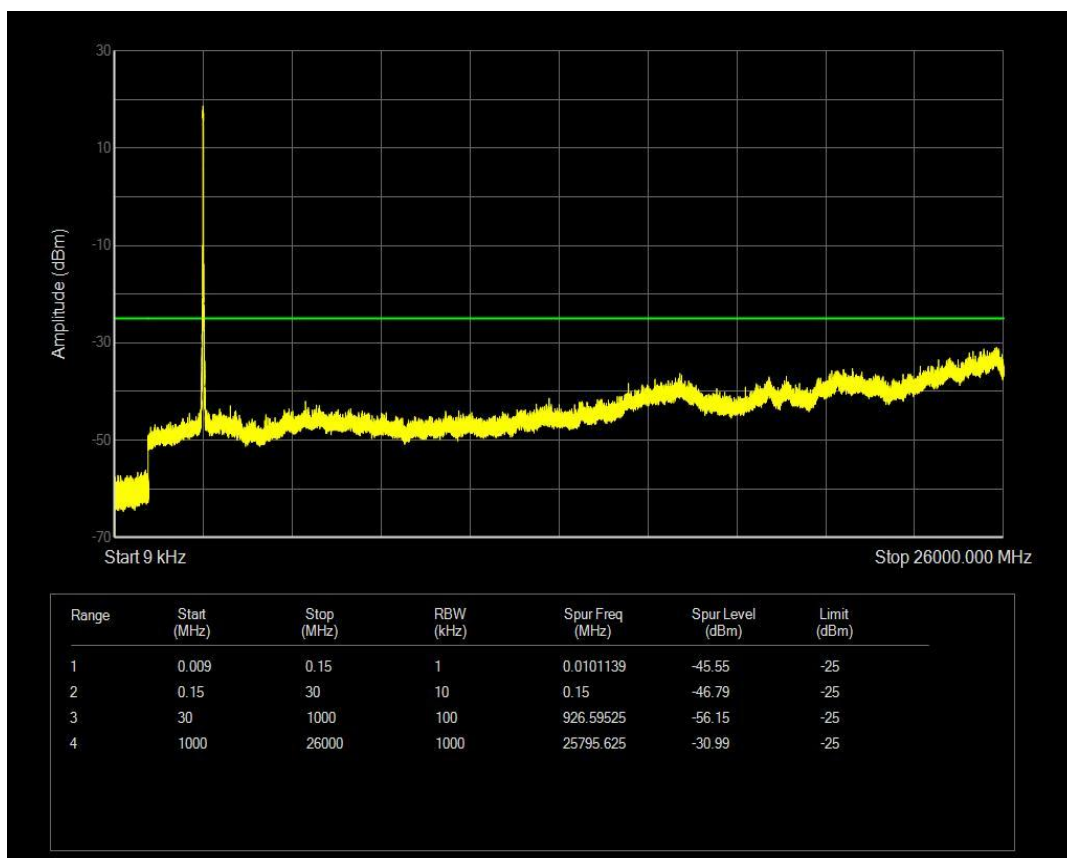
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



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



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



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

