

Appendix

LTE Band 38 Test Data

Conducted Test Data

Conducted Output Power and EIRP

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Power (dBm)	Gain (dBm)	EIRP (dBm)	EIRP Limit (dBm)	Verdict
NVNT	Band38	5	37775	1	#0	QPSK	25.16	4.2	29.36	33	PASS
NVNT	Band38	5	37775	1	#Mid	QPSK	25.78	4.2	29.98	33	PASS
NVNT	Band38	5	37775	1	#Max	QPSK	25.46	4.2	29.66	33	PASS
NVNT	Band38	5	37775	12	#0	QPSK	24.36	4.2	28.56	33	PASS
NVNT	Band38	5	37775	12	#Mid	QPSK	24.35	4.2	28.55	33	PASS
NVNT	Band38	5	37775	12	#Max	QPSK	24.39	4.2	28.59	33	PASS
NVNT	Band38	5	37775	25	#0	QPSK	24.38	4.2	28.58	33	PASS
NVNT	Band38	5	37775	1	#0	QAM16	24.45	4.2	28.65	33	PASS
NVNT	Band38	5	37775	1	#Mid	QAM16	24.27	4.2	28.47	33	PASS
NVNT	Band38	5	37775	1	#Max	QAM16	24.41	4.2	28.61	33	PASS
NVNT	Band38	5	37775	12	#0	QAM16	23.09	4.2	27.29	33	PASS
NVNT	Band38	5	37775	12	#Mid	QAM16	23.23	4.2	27.43	33	PASS
NVNT	Band38	5	37775	12	#Max	QAM16	23.21	4.2	27.41	33	PASS
NVNT	Band38	5	37775	25	#0	QAM16	23.34	4.2	27.54	33	PASS
NVNT	Band38	5	38000	1	#0	QPSK	25.08	4.2	29.28	33	PASS
NVNT	Band38	5	38000	1	#Mid	QPSK	25.23	4.2	29.43	33	PASS
NVNT	Band38	5	38000	1	#Max	QPSK	25.21	4.2	29.41	33	PASS
NVNT	Band38	5	38000	12	#0	QPSK	24.12	4.2	28.32	33	PASS
NVNT	Band38	5	38000	12	#Mid	QPSK	24.20	4.2	28.40	33	PASS
NVNT	Band38	5	38000	12	#Max	QPSK	24.25	4.2	28.45	33	PASS
NVNT	Band38	5	38000	25	#0	QPSK	24.23	4.2	28.43	33	PASS
NVNT	Band38	5	38000	1	#0	QAM16	24.31	4.2	28.51	33	PASS
NVNT	Band38	5	38000	1	#Mid	QAM16	24.13	4.2	28.33	33	PASS
NVNT	Band38	5	38000	1	#Max	QAM16	24.22	4.2	28.42	33	PASS
NVNT	Band38	5	38000	12	#0	QAM16	22.98	4.2	27.18	33	PASS
NVNT	Band38	5	38000	12	#Mid	QAM16	23.09	4.2	27.29	33	PASS
NVNT	Band38	5	38000	12	#Max	QAM16	23.15	4.2	27.35	33	PASS
NVNT	Band38	5	38000	25	#0	QAM16	23.28	4.2	27.48	33	PASS
NVNT	Band38	5	38225	1	#0	QPSK	25.11	4.2	29.31	33	PASS
NVNT	Band38	5	38225	1	#Mid	QPSK	25.08	4.2	29.28	33	PASS
NVNT	Band38	5	38225	1	#Max	QPSK	25.15	4.2	29.35	33	PASS
NVNT	Band38	5	38225	12	#0	QPSK	24.06	4.2	28.26	33	PASS
NVNT	Band38	5	38225	12	#Mid	QPSK	24.07	4.2	28.27	33	PASS
NVNT	Band38	5	38225	12	#Max	QPSK	24.18	4.2	28.38	33	PASS
NVNT	Band38	5	38225	25	#0	QPSK	24.17	4.2	28.37	33	PASS
NVNT	Band38	5	38225	1	#0	QAM16	24.24	4.2	28.44	33	PASS
NVNT	Band38	5	38225	1	#Mid	QAM16	24.30	4.2	28.50	33	PASS

NVNT	Band38	5	38225	1	#Max	QAM16	24.39	4.2	28.59	33	PASS
NVNT	Band38	5	38225	12	#0	QAM16	22.96	4.2	27.16	33	PASS
NVNT	Band38	5	38225	12	#Mid	QAM16	22.90	4.2	27.10	33	PASS
NVNT	Band38	5	38225	12	#Max	QAM16	22.92	4.2	27.12	33	PASS
NVNT	Band38	5	38225	25	#0	QAM16	23.22	4.2	27.42	33	PASS
NVNT	Band38	10	37800	1	#0	QPSK	25.31	4.2	29.51	33	PASS
NVNT	Band38	10	37800	1	#Mid	QPSK	25.46	4.2	29.66	33	PASS
NVNT	Band38	10	37800	1	#Max	QPSK	25.27	4.2	29.47	33	PASS
NVNT	Band38	10	37800	25	#0	QPSK	24.35	4.2	28.55	33	PASS
NVNT	Band38	10	37800	25	#Mid	QPSK	24.47	4.2	28.67	33	PASS
NVNT	Band38	10	37800	25	#Max	QPSK	24.46	4.2	28.66	33	PASS
NVNT	Band38	10	37800	50	#0	QPSK	24.36	4.2	28.56	33	PASS
NVNT	Band38	10	37800	1	#0	QAM16	24.78	4.2	28.98	33	PASS
NVNT	Band38	10	37800	1	#Mid	QAM16	25.13	4.2	29.33	33	PASS
NVNT	Band38	10	37800	1	#Max	QAM16	24.93	4.2	29.13	33	PASS
NVNT	Band38	10	37800	25	#0	QAM16	23.54	4.2	27.74	33	PASS
NVNT	Band38	10	37800	25	#Mid	QAM16	23.56	4.2	27.76	33	PASS
NVNT	Band38	10	37800	25	#Max	QAM16	23.55	4.2	27.75	33	PASS
NVNT	Band38	10	38000	1	#0	QPSK	25.16	4.2	29.36	33	PASS
NVNT	Band38	10	38000	1	#Mid	QPSK	25.32	4.2	29.52	33	PASS
NVNT	Band38	10	38000	1	#Max	QPSK	25.22	4.2	29.42	33	PASS
NVNT	Band38	10	38000	25	#0	QPSK	24.34	4.2	28.54	33	PASS
NVNT	Band38	10	38000	25	#Mid	QPSK	24.33	4.2	28.53	33	PASS
NVNT	Band38	10	38000	25	#Max	QPSK	24.33	4.2	28.53	33	PASS
NVNT	Band38	10	38000	50	#0	QPSK	24.23	4.2	28.43	33	PASS
NVNT	Band38	10	38000	1	#0	QAM16	24.72	4.2	28.92	33	PASS
NVNT	Band38	10	38000	1	#Mid	QAM16	24.93	4.2	29.13	33	PASS
NVNT	Band38	10	38000	1	#Max	QAM16	24.72	4.2	28.92	33	PASS
NVNT	Band38	10	38000	25	#0	QAM16	23.32	4.2	27.52	33	PASS
NVNT	Band38	10	38000	25	#Mid	QAM16	23.35	4.2	27.55	33	PASS
NVNT	Band38	10	38000	25	#Max	QAM16	23.31	4.2	27.51	33	PASS
NVNT	Band38	10	38200	1	#0	QPSK	25.34	4.2	29.54	33	PASS
NVNT	Band38	10	38200	1	#Mid	QPSK	25.44	4.2	29.64	33	PASS
NVNT	Band38	10	38200	1	#Max	QPSK	25.32	4.2	29.52	33	PASS
NVNT	Band38	10	38200	25	#0	QPSK	24.16	4.2	28.36	33	PASS
NVNT	Band38	10	38200	25	#Mid	QPSK	24.18	4.2	28.38	33	PASS
NVNT	Band38	10	38200	25	#Max	QPSK	24.17	4.2	28.37	33	PASS
NVNT	Band38	10	38200	50	#0	QPSK	24.17	4.2	28.37	33	PASS
NVNT	Band38	10	38200	1	#0	QAM16	24.59	4.2	28.79	33	PASS
NVNT	Band38	10	38200	1	#Mid	QAM16	25.03	4.2	29.23	33	PASS
NVNT	Band38	10	38200	1	#Max	QAM16	24.66	4.2	28.86	33	PASS
NVNT	Band38	10	38200	25	#0	QAM16	23.26	4.2	27.46	33	PASS
NVNT	Band38	10	38200	25	#Mid	QAM16	23.29	4.2	27.49	33	PASS
NVNT	Band38	10	38200	25	#Max	QAM16	23.27	4.2	27.47	33	PASS
NVNT	Band38	15	37825	1	#0	QPSK	25.30	4.2	29.50	33	PASS
NVNT	Band38	15	37825	1	#Mid	QPSK	25.50	4.2	29.70	33	PASS

NVNT	Band38	15	37825	1	#Max	QPSK	25.10	4.2	29.30	33	PASS
NVNT	Band38	15	37825	36	#0	QPSK	24.41	4.2	28.61	33	PASS
NVNT	Band38	15	37825	36	#Mid	QPSK	24.44	4.2	28.64	33	PASS
NVNT	Band38	15	37825	36	#Max	QPSK	24.32	4.2	28.52	33	PASS
NVNT	Band38	15	37825	75	#0	QPSK	23.08	4.2	27.28	33	PASS
NVNT	Band38	15	37825	1	#0	QAM16	24.25	4.2	28.45	33	PASS
NVNT	Band38	15	37825	1	#Mid	QAM16	24.77	4.2	28.97	33	PASS
NVNT	Band38	15	37825	1	#Max	QAM16	24.26	4.2	28.46	33	PASS
NVNT	Band38	15	37825	36	#0	QAM16	23.08	4.2	27.28	33	PASS
NVNT	Band38	15	37825	36	#Mid	QAM16	23.08	4.2	27.28	33	PASS
NVNT	Band38	15	37825	36	#Max	QAM16	23.01	4.2	27.21	33	PASS
NVNT	Band38	15	38000	1	#0	QPSK	25.05	4.2	29.25	33	PASS
NVNT	Band38	15	38000	1	#Mid	QPSK	25.53	4.2	29.73	33	PASS
NVNT	Band38	15	38000	1	#Max	QPSK	24.97	4.2	29.17	33	PASS
NVNT	Band38	15	38000	36	#0	QPSK	24.26	4.2	28.46	33	PASS
NVNT	Band38	15	38000	36	#Mid	QPSK	24.29	4.2	28.49	33	PASS
NVNT	Band38	15	38000	36	#Max	QPSK	24.22	4.2	28.42	33	PASS
NVNT	Band38	15	38000	75	#0	QPSK	23.01	4.2	27.21	33	PASS
NVNT	Band38	15	38000	1	#0	QAM16	24.20	4.2	28.40	33	PASS
NVNT	Band38	15	38000	1	#Mid	QAM16	24.71	4.2	28.91	33	PASS
NVNT	Band38	15	38000	1	#Max	QAM16	24.11	4.2	28.31	33	PASS
NVNT	Band38	15	38000	36	#0	QAM16	23.01	4.2	27.21	33	PASS
NVNT	Band38	15	38000	36	#Mid	QAM16	22.99	4.2	27.19	33	PASS
NVNT	Band38	15	38000	36	#Max	QAM16	22.99	4.2	27.19	33	PASS
NVNT	Band38	15	38175	1	#0	QPSK	25.15	4.2	29.35	33	PASS
NVNT	Band38	15	38175	1	#Mid	QPSK	25.28	4.2	29.48	33	PASS
NVNT	Band38	15	38175	1	#Max	QPSK	24.83	4.2	29.03	33	PASS
NVNT	Band38	15	38175	36	#0	QPSK	24.09	4.2	28.29	33	PASS
NVNT	Band38	15	38175	36	#Mid	QPSK	24.24	4.2	28.44	33	PASS
NVNT	Band38	15	38175	36	#Max	QPSK	24.10	4.2	28.30	33	PASS
NVNT	Band38	15	38175	75	#0	QPSK	22.99	4.2	27.19	33	PASS
NVNT	Band38	15	38175	1	#0	QAM16	24.13	4.2	28.33	33	PASS
NVNT	Band38	15	38175	1	#Mid	QAM16	24.55	4.2	28.75	33	PASS
NVNT	Band38	15	38175	1	#Max	QAM16	23.95	4.2	28.15	33	PASS
NVNT	Band38	15	38175	36	#0	QAM16	23.11	4.2	27.31	33	PASS
NVNT	Band38	15	38175	36	#Mid	QAM16	23.11	4.2	27.31	33	PASS
NVNT	Band38	15	38175	36	#Max	QAM16	23.11	4.2	27.31	33	PASS
NVNT	Band38	20	37850	1	#0	QPSK	24.33	4.2	28.53	33	PASS
NVNT	Band38	20	37850	1	#Mid	QPSK	24.62	4.2	28.82	33	PASS
NVNT	Band38	20	37850	1	#Max	QPSK	24.58	4.2	28.78	33	PASS
NVNT	Band38	20	37850	50	#0	QPSK	23.33	4.2	27.53	33	PASS
NVNT	Band38	20	37850	50	#Mid	QPSK	23.33	4.2	27.53	33	PASS
NVNT	Band38	20	37850	50	#Max	QPSK	23.35	4.2	27.55	33	PASS
NVNT	Band38	20	37850	100	#0	QPSK	23.04	4.2	27.24	33	PASS
NVNT	Band38	20	37850	1	#0	QAM16	23.77	4.2	27.97	33	PASS
NVNT	Band38	20	37850	1	#Mid	QAM16	23.84	4.2	28.04	33	PASS

NVNT	Band38	20	37850	1	#Max	QAM16	23.42	4.2	27.62	33	PASS
NVNT	Band38	20	37850	50	#0	QAM16	23.04	4.2	27.24	33	PASS
NVNT	Band38	20	37850	50	#Mid	QAM16	23.04	4.2	27.24	33	PASS
NVNT	Band38	20	37850	50	#Max	QAM16	22.79	4.2	26.99	33	PASS
NVNT	Band38	20	38000	1	#0	QPSK	23.87	4.2	28.07	33	PASS
NVNT	Band38	20	38000	1	#Mid	QPSK	24.31	4.2	28.51	33	PASS
NVNT	Band38	20	38000	1	#Max	QPSK	24.38	4.2	28.58	33	PASS
NVNT	Band38	20	38000	50	#0	QPSK	23.37	4.2	27.57	33	PASS
NVNT	Band38	20	38000	50	#Mid	QPSK	23.63	4.2	27.83	33	PASS
NVNT	Band38	20	38000	50	#Max	QPSK	23.62	4.2	27.82	33	PASS
NVNT	Band38	20	38000	100	#0	QPSK	22.79	4.2	26.99	33	PASS
NVNT	Band38	20	38000	1	#0	QAM16	22.89	4.2	27.09	33	PASS
NVNT	Band38	20	38000	1	#Mid	QAM16	23.36	4.2	27.56	33	PASS
NVNT	Band38	20	38000	1	#Max	QAM16	23.34	4.2	27.54	33	PASS
NVNT	Band38	20	38000	50	#0	QAM16	22.91	4.2	27.11	33	PASS
NVNT	Band38	20	38000	50	#Mid	QAM16	22.91	4.2	27.11	33	PASS
NVNT	Band38	20	38000	50	#Max	QAM16	22.93	4.2	27.13	33	PASS
NVNT	Band38	20	38150	1	#0	QPSK	24.64	4.2	28.84	33	PASS
NVNT	Band38	20	38150	1	#Mid	QPSK	24.75	4.2	28.95	33	PASS
NVNT	Band38	20	38150	1	#Max	QPSK	24.51	4.2	28.71	33	PASS
NVNT	Band38	20	38150	50	#0	QPSK	23.66	4.2	27.86	33	PASS
NVNT	Band38	20	38150	50	#Mid	QPSK	23.76	4.2	27.96	33	PASS
NVNT	Band38	20	38150	50	#Max	QPSK	23.80	4.2	28.00	33	PASS
NVNT	Band38	20	38150	100	#0	QPSK	22.93	4.2	27.13	33	PASS
NVNT	Band38	20	38150	1	#0	QAM16	23.07	4.2	27.27	33	PASS
NVNT	Band38	20	38150	1	#Mid	QAM16	23.14	4.2	27.34	33	PASS
NVNT	Band38	20	38150	1	#Max	QAM16	23.14	4.2	27.34	33	PASS
NVNT	Band38	20	38150	50	#0	QAM16	22.98	4.2	27.18	33	PASS
NVNT	Band38	20	38150	50	#Mid	QAM16	22.91	4.2	27.11	33	PASS
NVNT	Band38	20	38150	50	#Max	QAM16	23.06	4.2	27.26	33	PASS

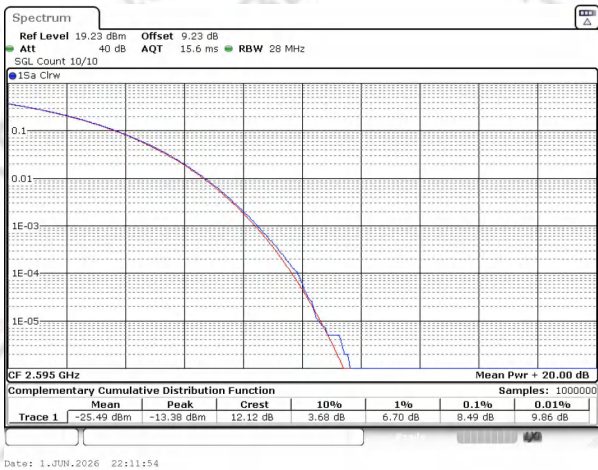
Frequency stability

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band38	20	38000	100	#0	QPSK	VL	NT	-7.32	-0.003	PASS
Band38	20	38000	100	#0	QPSK	VN	NT	-5.11	-0.002	PASS
Band38	20	38000	100	#0	QPSK	VH	NT	-4.18	-0.002	PASS

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Voltage (Vdc)	Temperature (°C)	Result (Hz)	Result (ppm)	Verdict
Band38	20	38000	100	#0	QPSK	NV	-30	-1.44	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	-20	-2.42	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	-10	-2.56	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	0	-1.44	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	10	-1.44	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	20	-0.8	0	PASS
Band38	20	38000	100	#0	QPSK	NV	30	-1.52	-0.001	PASS
Band38	20	38000	100	#0	QPSK	NV	40	0.24	0	PASS
Band38	20	38000	100	#0	QPSK	NV	50	-2.19	-0.001	PASS

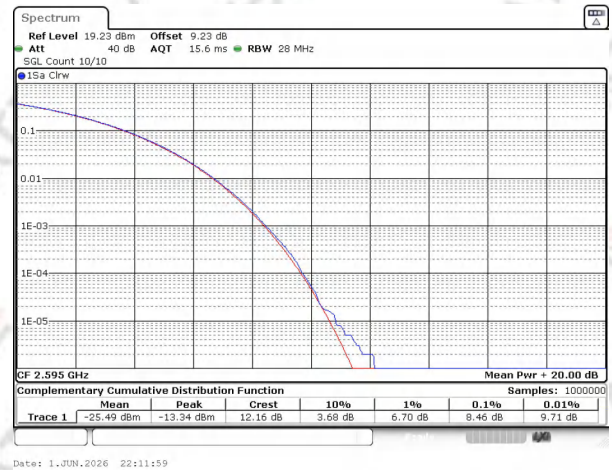
Peak-to-Average Ratio

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Result (dB)	high Limit (dB)	Verdict
NVNT	Band38	5	38000	1	#0	QPSK	8.49	13	PASS
NVNT	Band38	5	38000	1	#0	QAM16	8.46	13	PASS
NVNT	Band38	10	38000	1	#0	QPSK	8.49	13	PASS
NVNT	Band38	10	38000	1	#0	QAM16	8.46	13	PASS
NVNT	Band38	15	38000	1	#0	QPSK	8.29	13	PASS
NVNT	Band38	15	38000	1	#0	QAM16	9.07	13	PASS
NVNT	Band38	20	38000	1	#0	QPSK	8.61	13	PASS
NVNT	Band38	20	38000	1	#0	QAM16	8.78	13	PASS



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

NVNT



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

NVNT



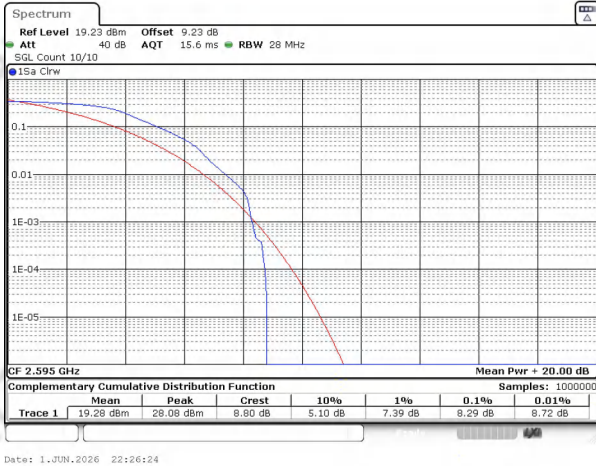
Band38 QPSK BW=10MHz Channel=38000 RB Size=1 Position=#0

NVNT

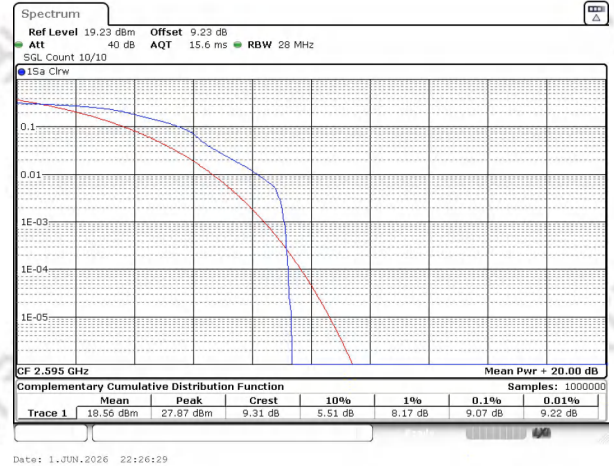


Band38 QAM16 BW=10MHz Channel=38000 RB Size=1 Position=#0

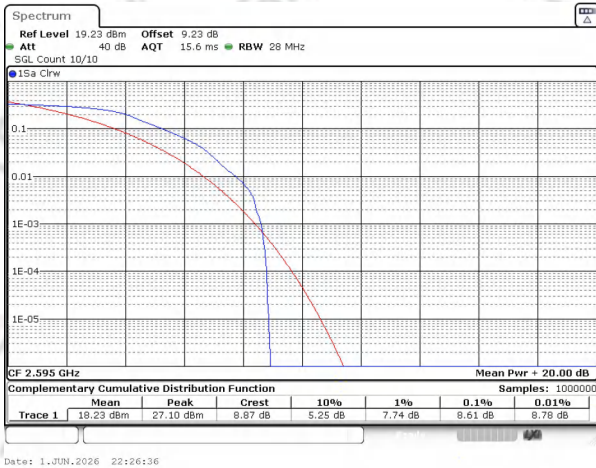
NVNT



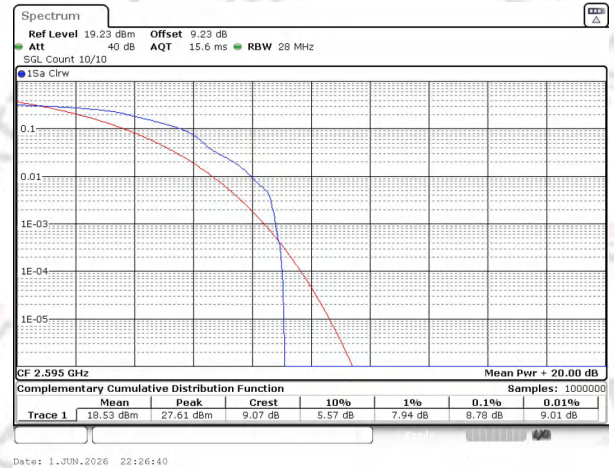
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NVNT



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



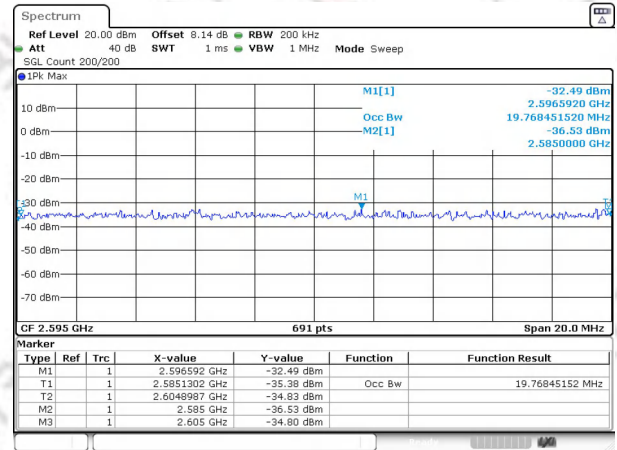
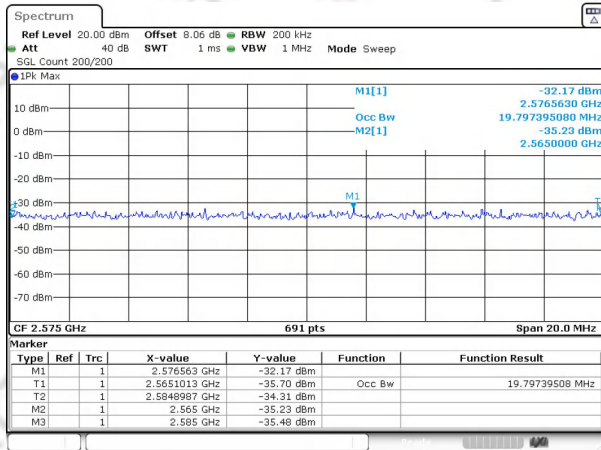
Band38 QPSK BW=20MHz Channel=38000 RB Size=1 Position=#0
NVNT



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

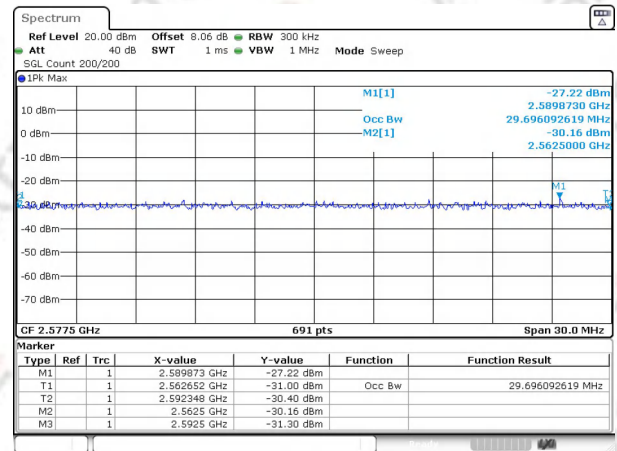
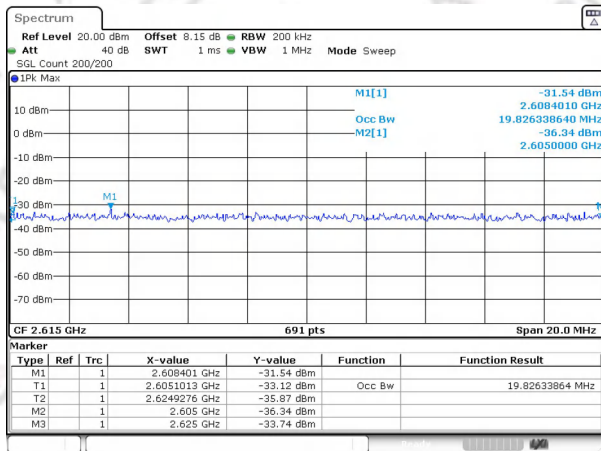
Occupied bandwidth

Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
NVNT	Band38	5	37775	25	#0	QPSK	9.884	10.000	PASS
NVNT	Band38	5	37775	25	#0	QAM16	9.899	10.000	PASS
NVNT	Band38	5	38000	25	#0	QPSK	9.899	10.000	PASS
NVNT	Band38	5	38000	25	#0	QAM16	9.884	10.000	PASS
NVNT	Band38	5	38225	25	#0	QPSK	9.884	10.000	PASS
NVNT	Band38	5	38225	25	#0	QAM16	9.913	10.000	PASS
NVNT	Band38	10	37800	50	#0	QPSK	19.797	20.000	PASS
NVNT	Band38	10	37800	50	#0	QAM16	19.797	20.000	PASS
NVNT	Band38	10	38000	50	#0	QPSK	19.826	20.000	PASS
NVNT	Band38	10	38000	50	#0	QAM16	19.768	20.000	PASS
NVNT	Band38	10	38200	50	#0	QPSK	19.797	20.000	PASS
NVNT	Band38	10	38200	50	#0	QAM16	19.826	20.000	PASS
NVNT	Band38	15	37825	75	#0	QPSK	29.653	30.000	PASS
NVNT	Band38	15	37825	75	#0	QAM16	29.696	30.000	PASS
NVNT	Band38	15	38000	75	#0	QPSK	29.740	30.000	PASS
NVNT	Band38	15	38000	75	#0	QAM16	29.696	30.000	PASS
NVNT	Band38	15	38175	75	#0	QPSK	29.740	30.000	PASS
NVNT	Band38	15	38175	75	#0	QAM16	29.696	30.000	PASS
NVNT	Band38	20	37850	100	#0	QPSK	39.653	40.000	PASS
NVNT	Band38	20	37850	100	#0	QAM16	39.595	40.000	PASS
NVNT	Band38	20	38000	100	#0	QPSK	39.537	40.000	PASS
NVNT	Band38	20	38000	100	#0	QAM16	39.595	40.000	PASS
NVNT	Band38	20	38150	100	#0	QPSK	39.537	40.000	PASS
NVNT	Band38	20	38150	100	#0	QAM16	39.595	40.000	PASS



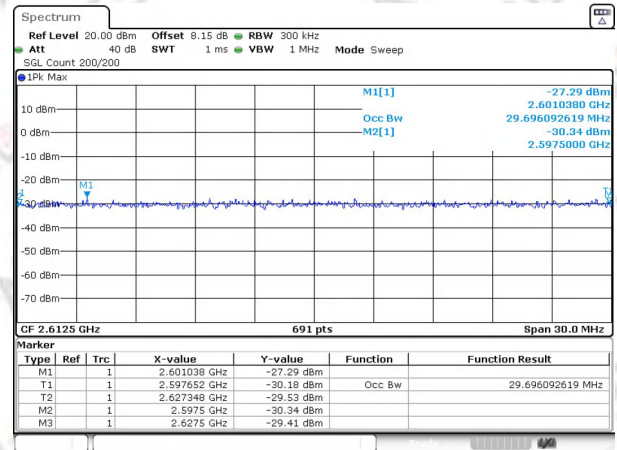
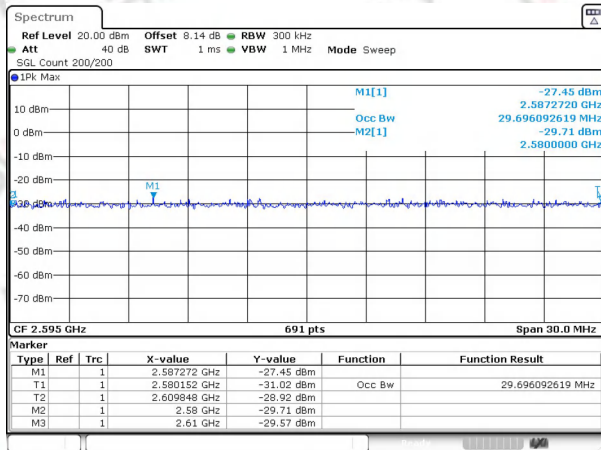
Band38 QAM16 BW=10MHz Channel=37800 RB Size=50 Position=#0

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



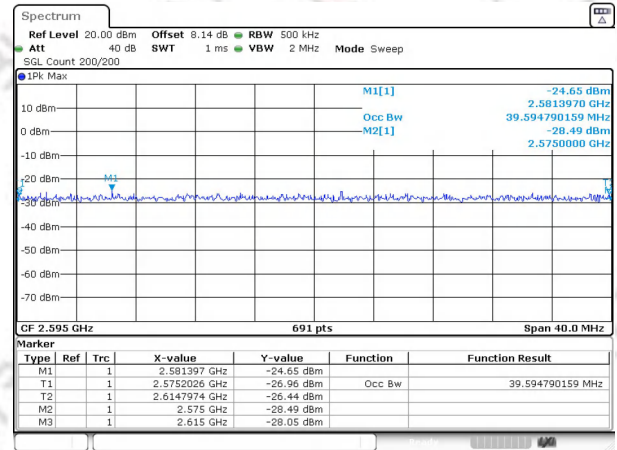
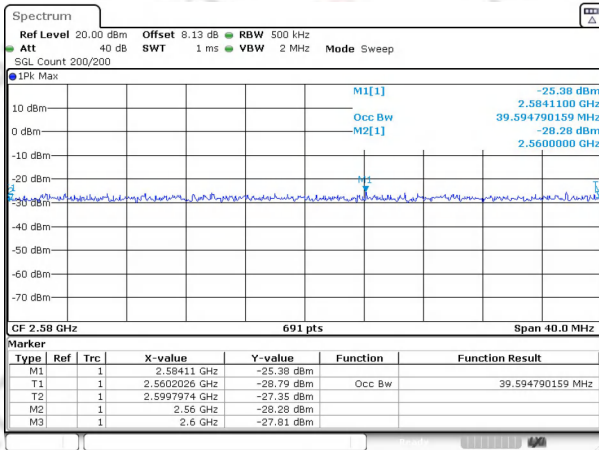
Band38 QAM16 BW=10MHz Channel=38200 RB Size=50 Position=#0

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



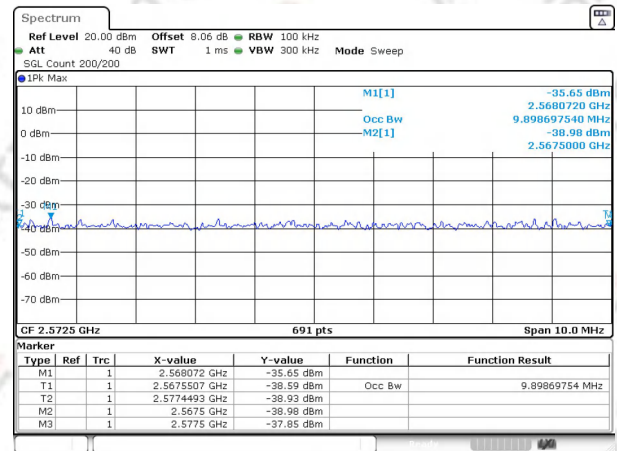
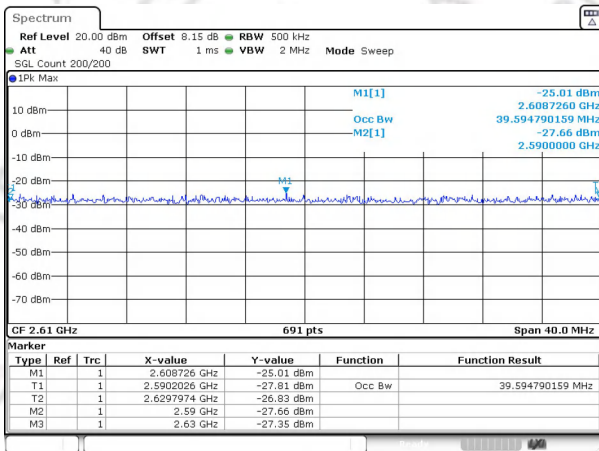
Band38 QAM16 BW=15MHz Channel=38000 RB Size=75 Position=#0

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



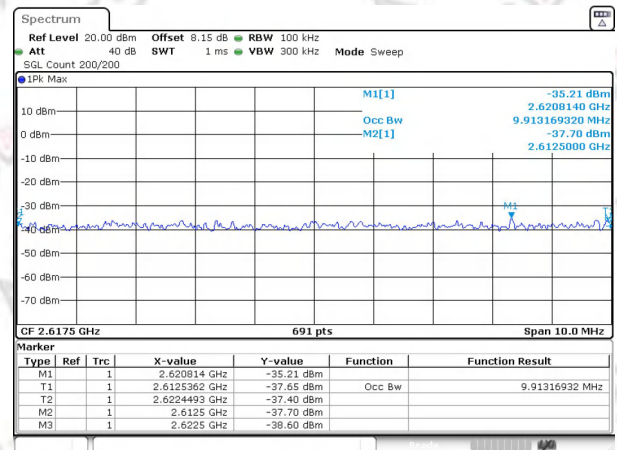
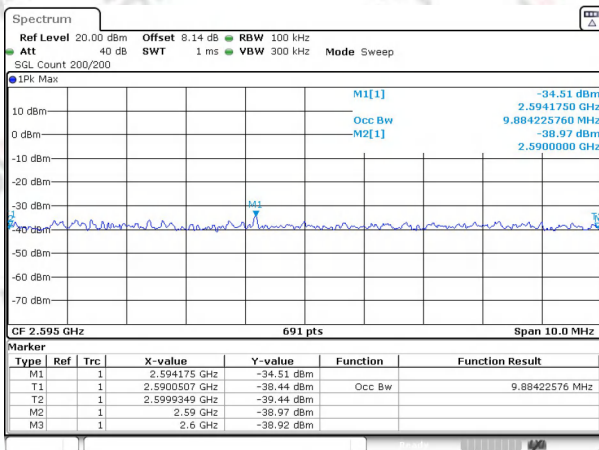
Band38 QAM16 BW=20MHz Channel=37850 RB Size=100 Position=#0

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



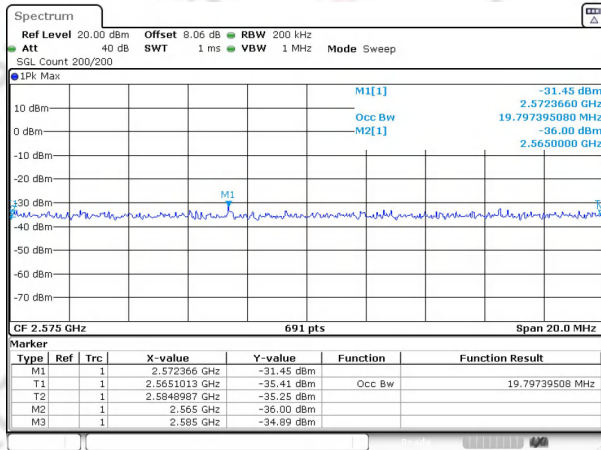
Band38 QAM16 BW=20MHz Channel=38150 RB Size=100 Position=#0

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

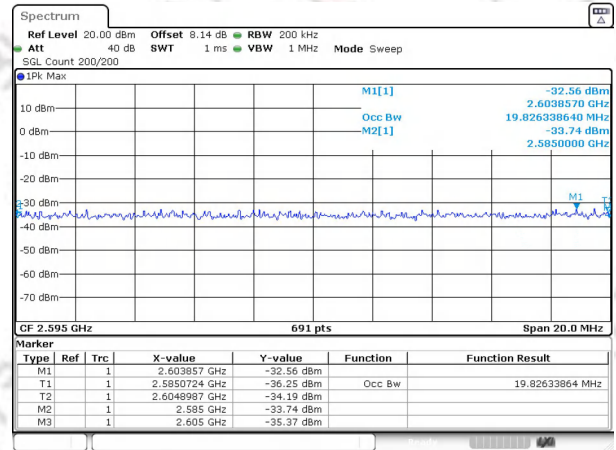


Band38 QAM16 BW=5MHz Channel=38000 RB Size=25 Position=#0

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



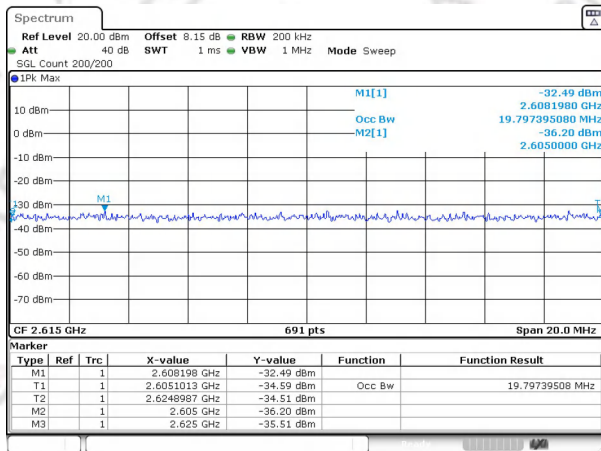
Date: 19.AUG.2026 01:06:15



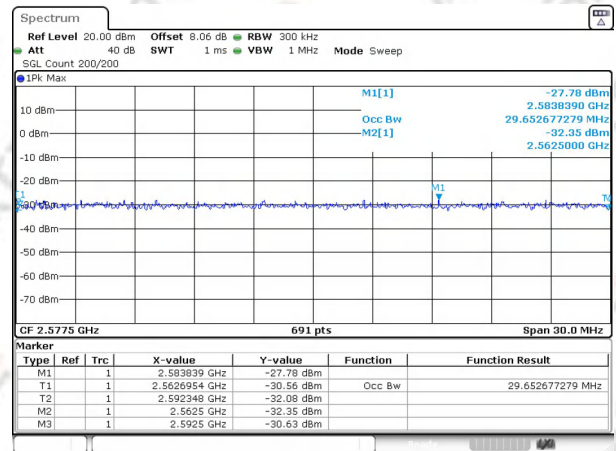
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Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0

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



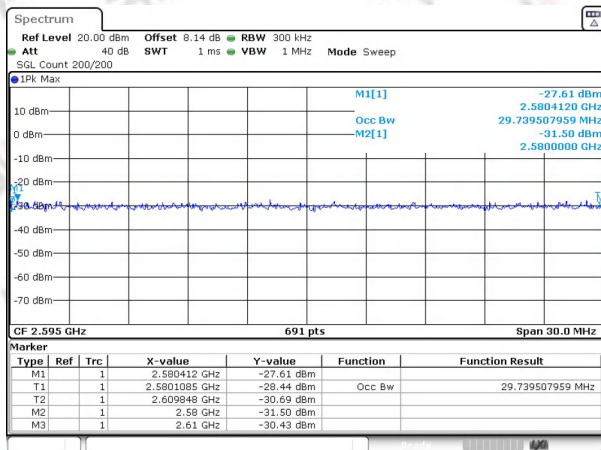
Date: 19.AUG.2026 01:06:44



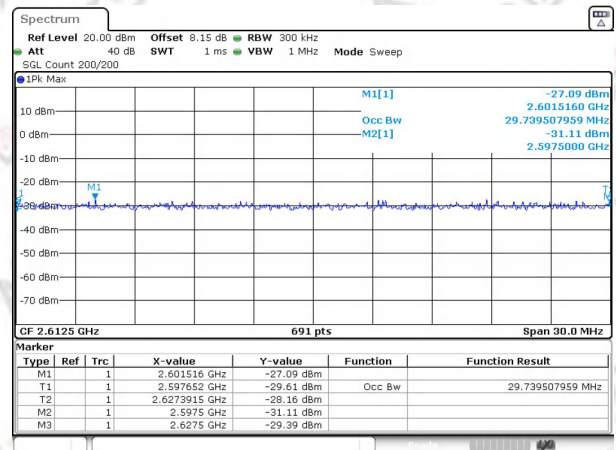
Date: 19.AUG.2026 01:07:00

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

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



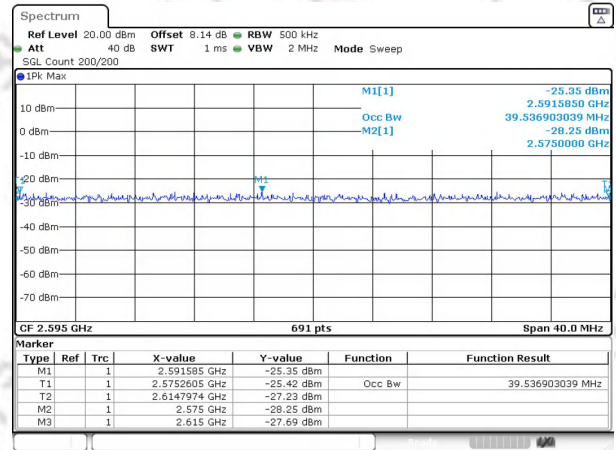
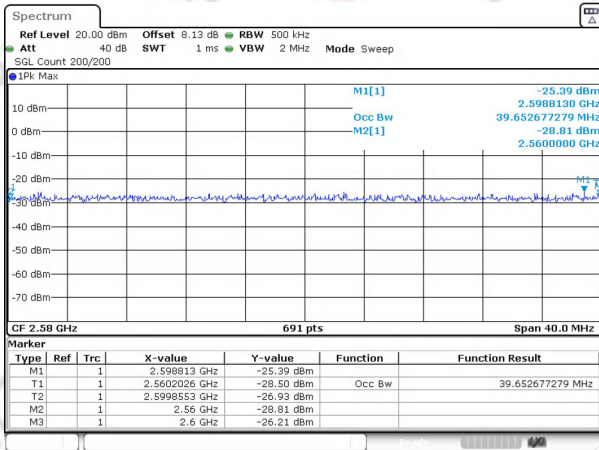
Date: 19.AUG.2026 01:07:12



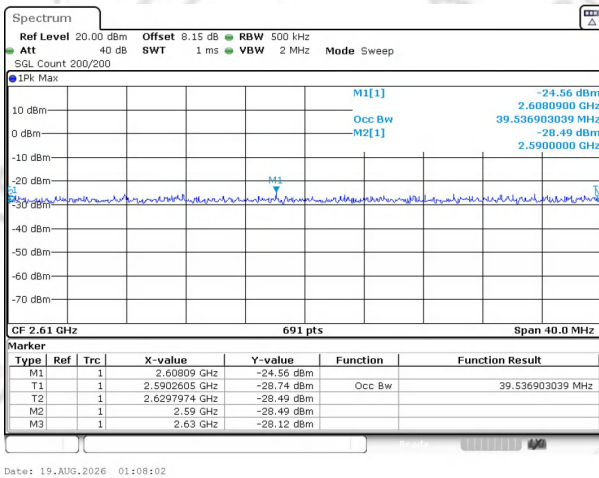
Date: 19.AUG.2026 01:07:24

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

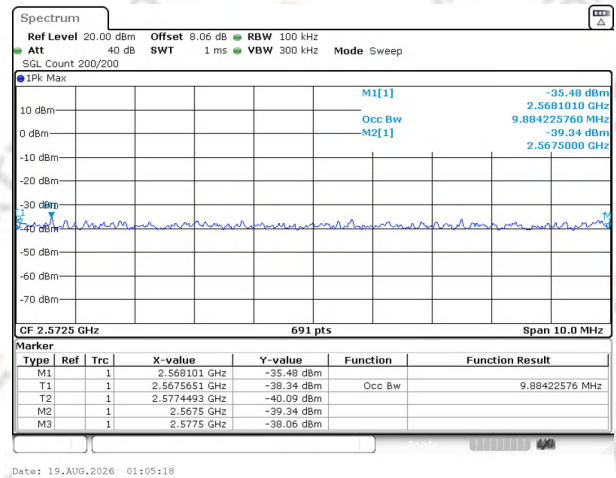
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0



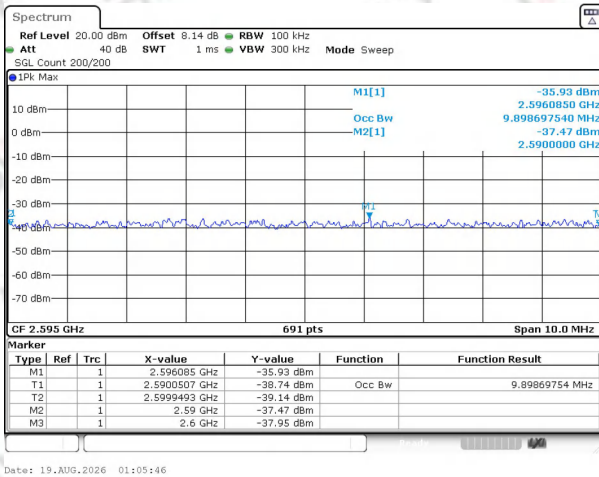
Band38 QPSK BW=20MHz Channel=37850 RB Size=100 Position=#0



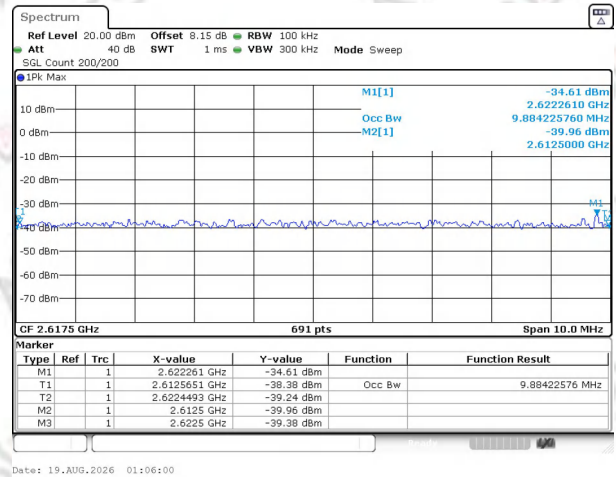
Band38 QPSK BW=20MHz Channel=38000 RB Size=100 Position=#0



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



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

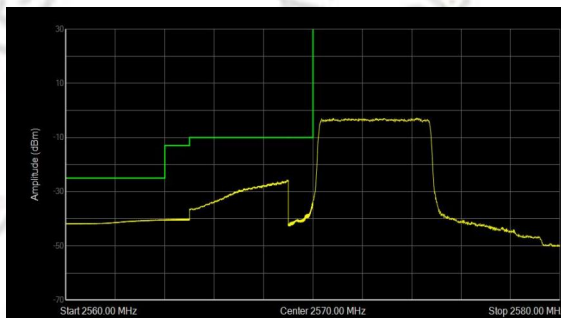


Band38 QPSK BW=5MHz Channel=38000 RB Size=25 Position=#0

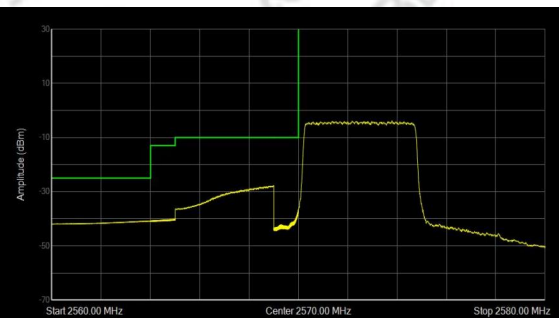
Band38 QPSK BW=5MHz Channel=38225 RB Size=25 Position=#0

Band edge

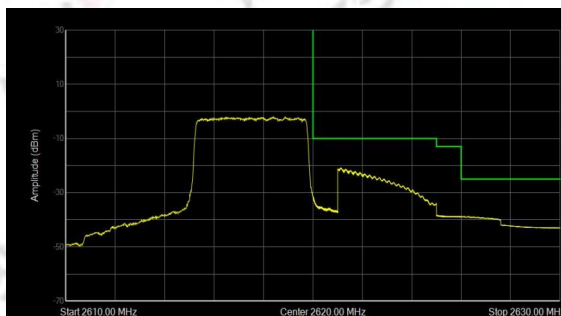
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band38	5	37775	25	#0	QPSK	2563.95	-40.35	-25	PASS
NVNT	Band38	5	37775	25	#0	QAM16	2563.92	-40.76	-25	PASS
NVNT	Band38	5	38225	25	#0	QPSK	2621.12	-20.81	-10	PASS
NVNT	Band38	5	38225	25	#0	QAM16	2621.02	-22.87	-10	PASS
NVNT	Band38	10	37800	50	#0	QPSK	2559.00	-40.68	-25	PASS
NVNT	Band38	10	38200	50	#0	QPSK	2621.08	-22.70	-10	PASS
NVNT	Band38	15	37825	75	#0	QPSK	2551.53	-40.82	-25	PASS
NVNT	Band38	15	38175	75	#0	QPSK	2621.06	-24.09	-10	PASS
NVNT	Band38	20	37850	100	#0	QPSK	2548.23	-42.88	-25	PASS
NVNT	Band38	20	38150	100	#0	QPSK	2621.03	-26.02	-10	PASS



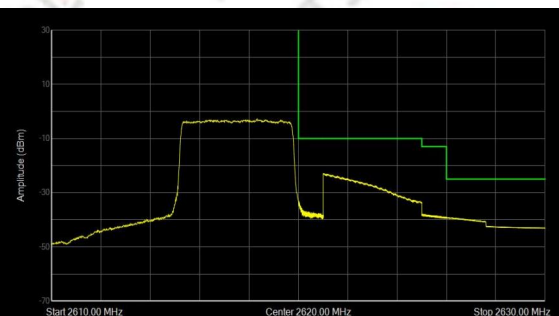
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0
NVNT



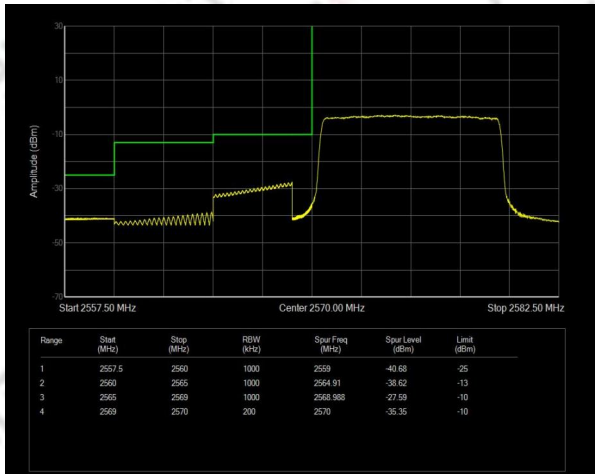
Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0
NVNT



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

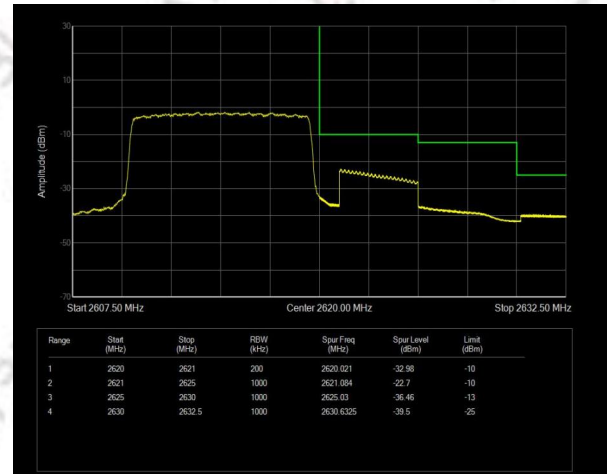


Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0
NVNT



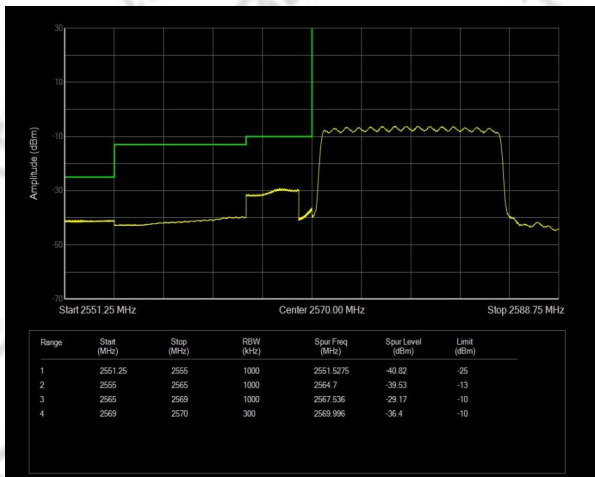
Band38 QPSK BW=10MHz Channel=37800 RB Size=50 Position=#0

NVNT



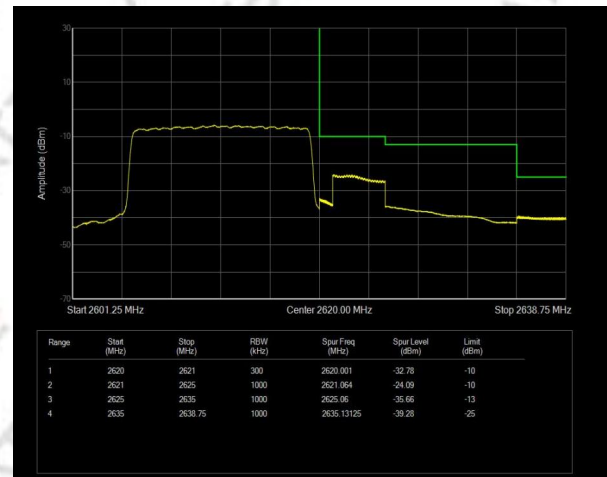
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0

NVNT



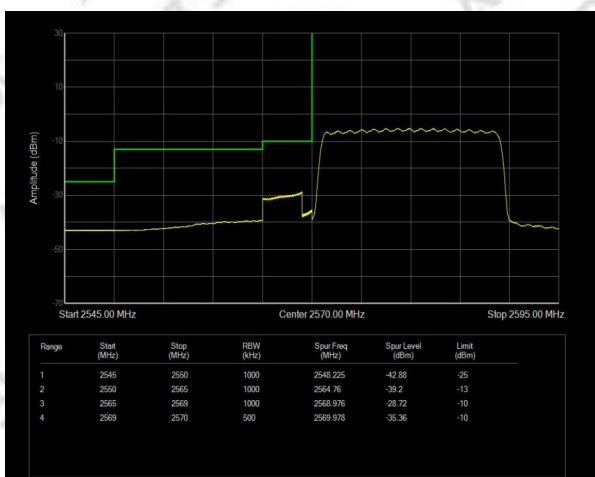
Band38 QPSK BW=15MHz Channel=37825 RB Size=75 Position=#0

NVNT



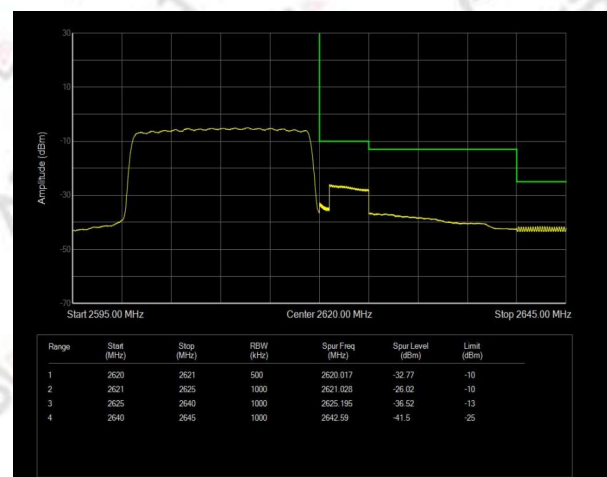
Band38 QPSK BW=15MHz Channel=38175 RB Size=75 Position=#0

NVNT



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

NVNT

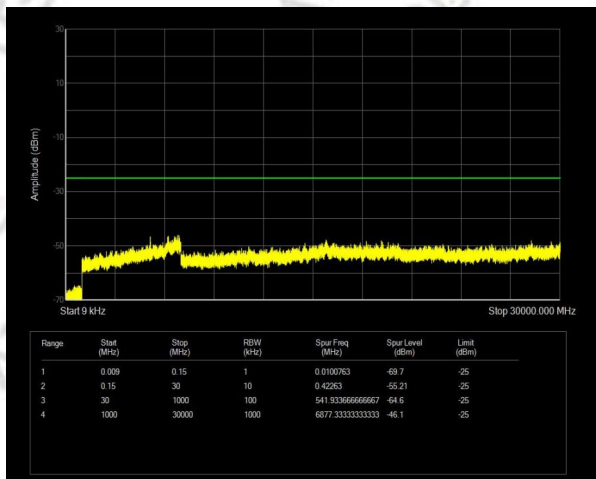


Band38 QPSK BW=20MHz Channel=38150 RB Size=100 Position=#0

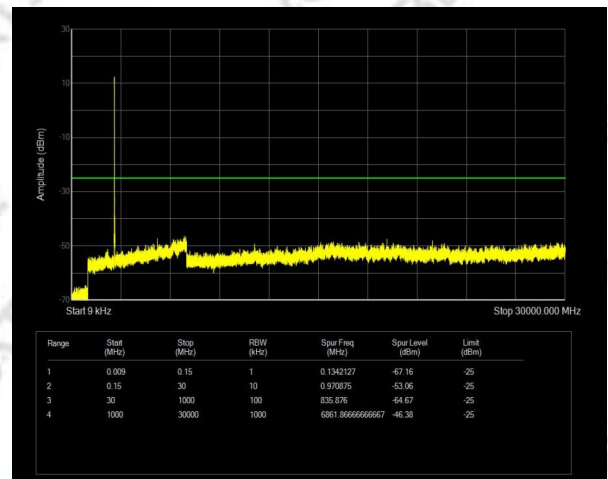
NVNT

Out-of-band emissions

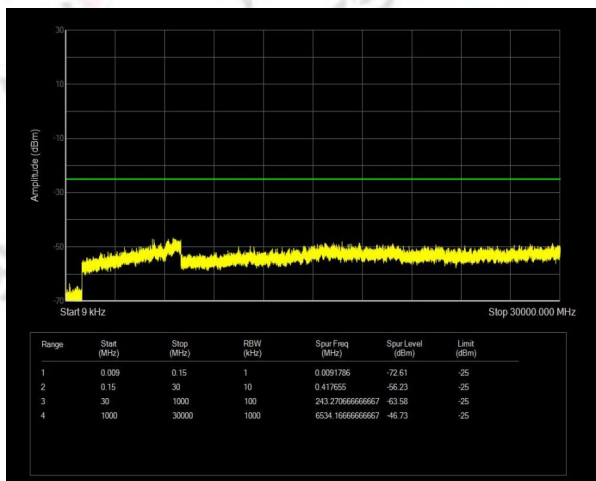
Condition	Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
NVNT	Band38	5	37775	25	#0	QPSK	6632.77	-46.44	-25	PASS
NVNT	Band38	5	37775	25	#0	QAM16	6877.33	-46.10	-25	PASS
NVNT	Band38	5	38225	25	#0	QPSK	5232.07	-45.90	-25	PASS
NVNT	Band38	5	38225	25	#0	QAM16	6861.87	-46.38	-25	PASS
NVNT	Band38	10	37800	50	#0	QPSK	6534.17	-46.73	-25	PASS
NVNT	Band38	10	38200	50	#0	QPSK	2668.47	-39.44	-25	PASS
NVNT	Band38	15	37825	75	#0	QPSK	2702.30	-45.89	-25	PASS
NVNT	Band38	15	38175	75	#0	QPSK	7.80	-44.62	-25	PASS
NVNT	Band38	20	37850	100	#0	QPSK	6304.10	-46.55	-25	PASS
NVNT	Band38	20	38150	100	#0	QPSK	6609.57	-46.59	-25	PASS



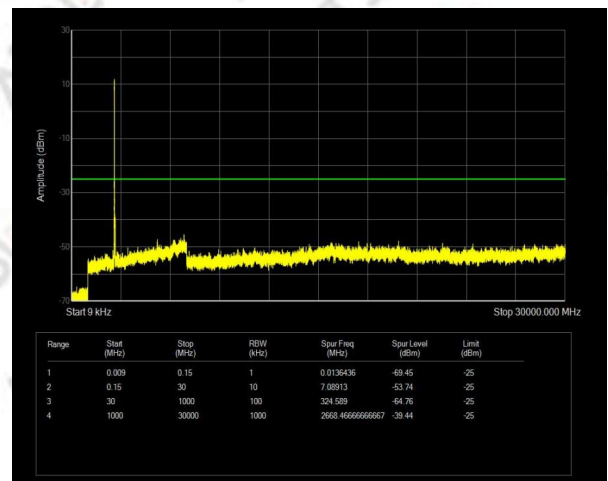
Band38 QAM16 BW=5MHz Channel=37775 RB Size=25 Position=#0 NVNT



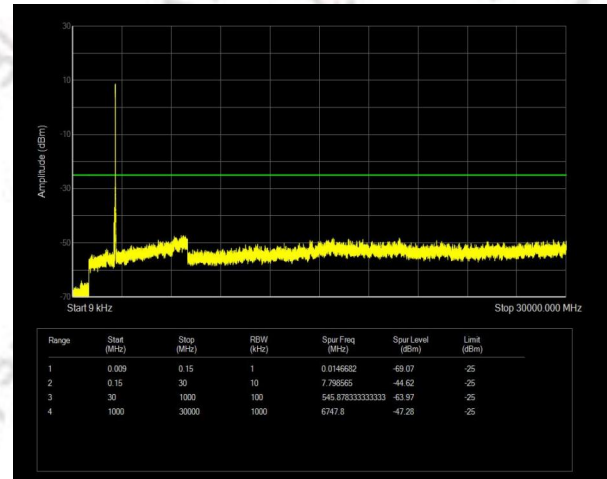
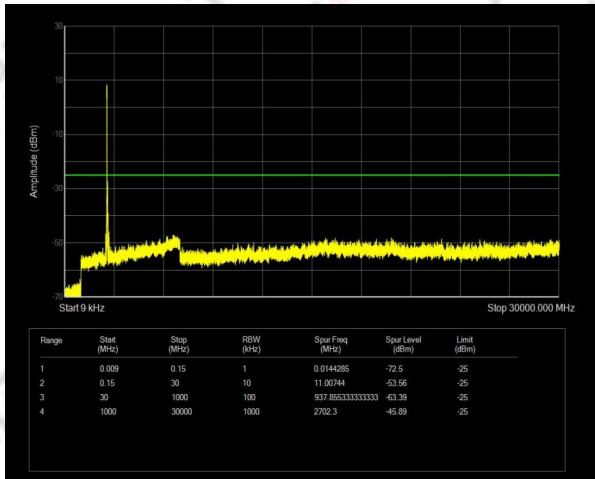
Band38 QAM16 BW=5MHz Channel=38225 RB Size=25 Position=#0 NVNT



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

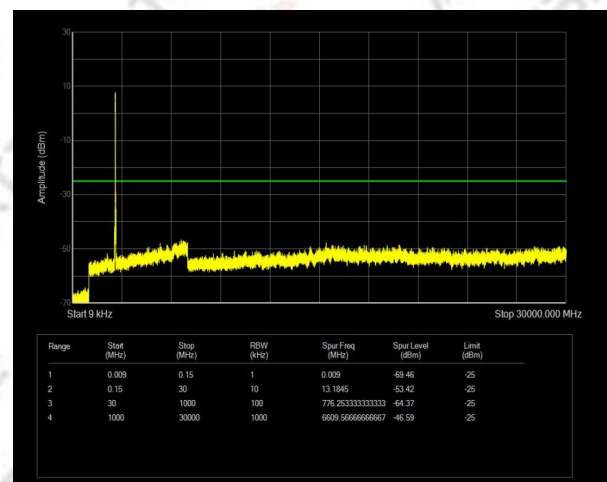
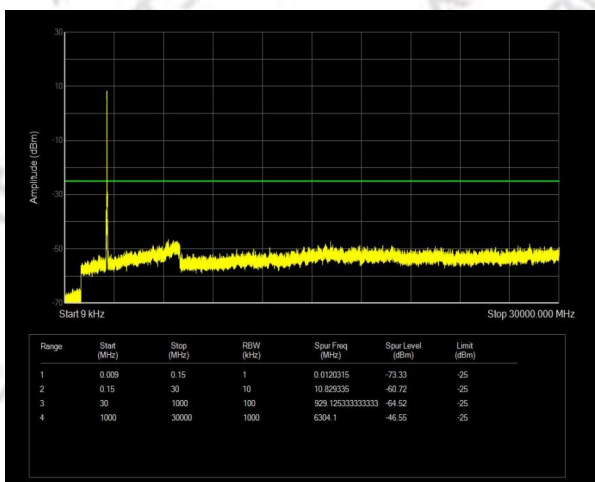


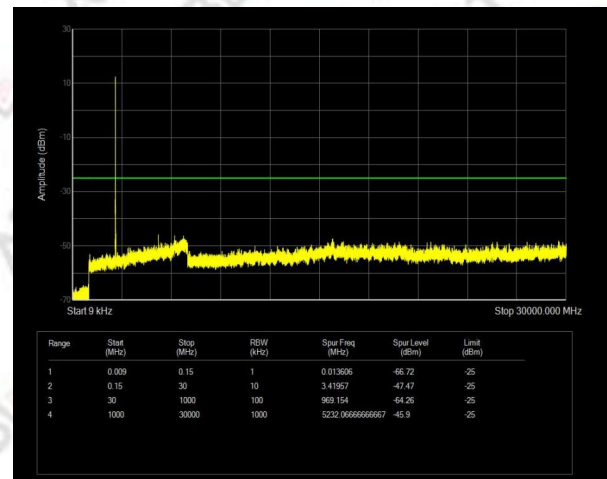
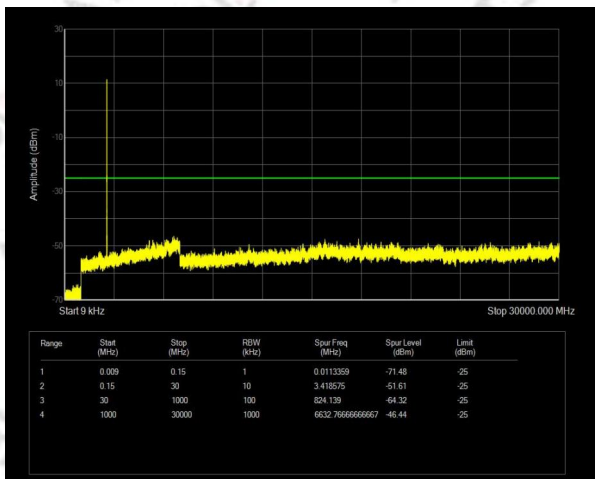
Band38 QPSK BW=10MHz Channel=38200 RB Size=50 Position=#0 NVNT



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

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


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

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


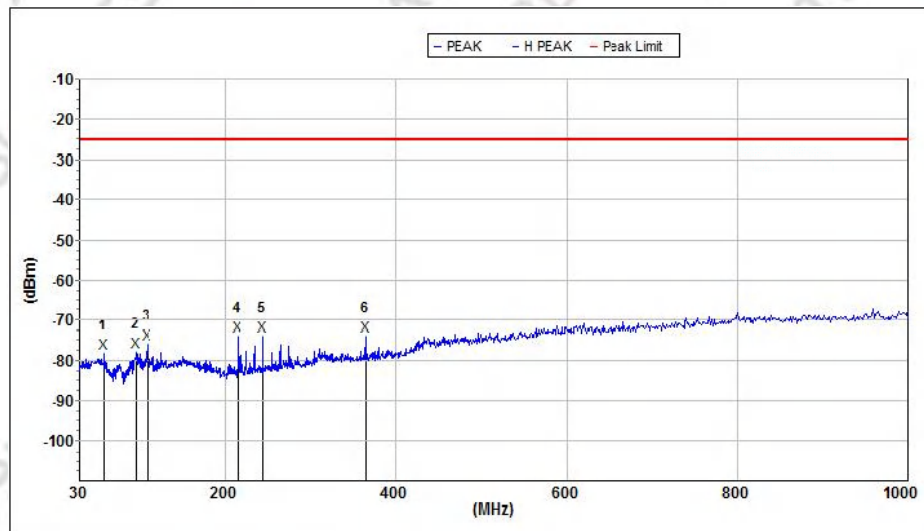
Band38 QPSK BW=5MHz Channel=37775 RB Size=25 Position=#0 NVNT

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

Radiated Test Data

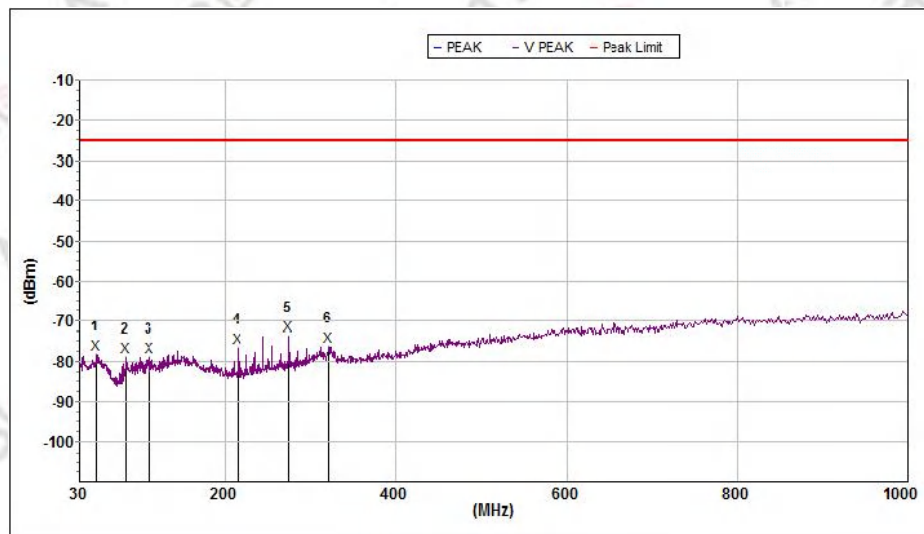
For 30 MHz ~ 1 GHz

Mode:QPSK / Middle Channel / Horizontal



Mk.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Ant.F/G. (dB)	Amp.G. (dB)	Pol.
Peak								
1	58.101	-78.2	-25.0	53.2	-11.6	31.1	1.2	H
2	95.930	-77.8	-25.0	52.8	-15.0	31.1	1.3	H
3	109.412	-75.8	-25.0	50.8	-13.9	30.9	1.4	H
4	214.514	-73.8	-25.0	48.8	-13.8	31.9	1.8	H
5	244.661	-73.7	-25.0	48.7	-12.7	32.0	1.9	H
6	364.899	-73.7	-25.0	48.7	-10.1	32.9	2.2	H

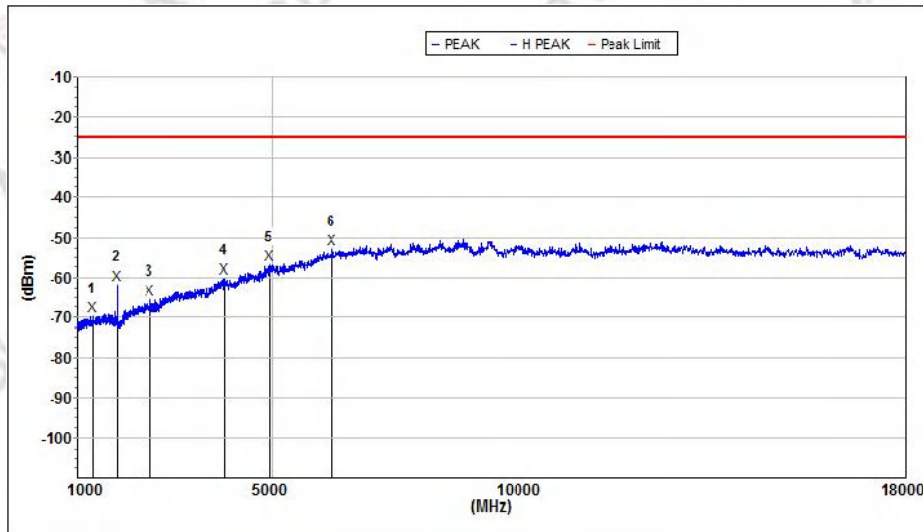
Mode:QPSK / Middle Channel / Vertical



Mk.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Ant.F/G. (dB)	Amp.G. (dB)	Pol.
Peak								
1	49.881	-78.1	-25.0	53.1	-10.1	30.9	1.2	V
2	83.816	-78.8	-25.0	53.8	-15.8	31.9	1.3	V
3	111.934	-78.9	-25.0	53.9	-13.6	30.9	1.4	V
4	214.514	-76.6	-25.0	51.6	-13.8	31.9	1.8	V
5	274.675	-73.6	-25.0	48.6	-11.8	32.2	2.0	V
6	321.061	-76.2	-25.0	51.2	-10.8	32.5	2.1	V

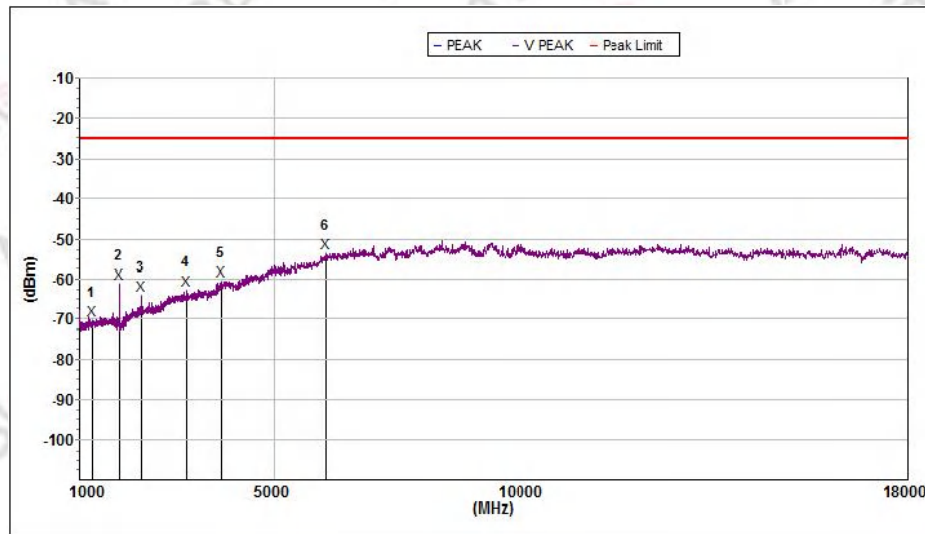
For 1 GHz ~ 18 GHz

Mode:QPSK / Middle Channel / Horizontal



Mk.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Ant.F/G. (dB)	Amp.G. (dB)	Pol.
Peak								
1	1325.317	-69.7	-25.0	44.7	-23.7	53.5	4.2	H
2	1799.385	-61.8	-25.0	36.8	-23.7	53.7	4.9	H
3	2498.699	-65.2	-25.0	40.2	-20.7	54.1	5.8	H
4	3997.727	-60.1	-25.0	35.1	-14.3	53.2	8.0	H
5	4951.949	-56.8	-25.0	31.8	-10.9	52.5	8.6	H
6	6228.391	-52.9	-25.0	27.9	-6.8	51.5	10.1	H

Mode:QPSK / Middle Channel / Vertical



Mk.	Freq. (MHz)	Level (dBuV/m)	Limit (dBuV/m)	Margin (dB)	Factor (dB)	Ant.F/G. (dB)	Amp.G. (dB)	Pol.
Peak								
1	1249.705	-70.1	-25.0	45.1	-23.8	53.6	4.1	V
2	1799.385	-60.9	-25.0	35.9	-23.7	53.7	4.9	V
3	2246.891	-63.8	-25.0	38.8	-21.6	54.0	5.4	V
4	3193.794	-62.6	-25.0	37.6	-17.9	54.0	6.7	V
5	3892.962	-60.4	-25.0	35.4	-14.9	53.3	7.8	V
6	6039.829	-53.4	-25.0	28.4	-7.4	51.5	9.9	V

*****END OF THE APPENDIX*****