

Appendix D: Spurious Emissions at Antenna Terminal

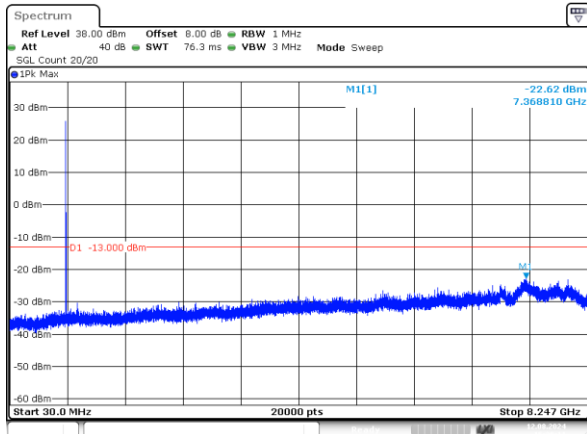
FCC Part 22H

B5 , Normal

Mode	Value (dBm)	Limit	Result
1.4MHz_Low_QPSK_1@0	-22.62	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-21.34	See Graphs	Pass
1.4MHz_Middle_QPSK_1@0	-22.98	See Graphs	Pass
1.4MHz_Middle_QPSK_6@0	-21.86	See Graphs	Pass
1.4MHz_High_QPSK_1@0	-22.59	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-22.86	See Graphs	Pass
3MHz_Low_QPSK_1@0	-22.86	See Graphs	Pass
3MHz_Low_QPSK_15@0	-22.19	See Graphs	Pass
3MHz_Middle_QPSK_1@0	-22.10	See Graphs	Pass
3MHz_Middle_QPSK_15@0	-22.31	See Graphs	Pass
3MHz_High_QPSK_1@0	-22.10	See Graphs	Pass
3MHz_High_QPSK_15@0	-22.73	See Graphs	Pass
5MHz_Low_QPSK_1@0	-22.48	See Graphs	Pass
5MHz_Low_QPSK_25@0	-21.99	See Graphs	Pass
5MHz_Middle_QPSK_1@0	-21.95	See Graphs	Pass
5MHz_Middle_QPSK_25@0	-22.43	See Graphs	Pass
5MHz_High_QPSK_1@0	-22.80	See Graphs	Pass
5MHz_High_QPSK_25@0	-21.17	See Graphs	Pass
10MHz_Low_QPSK_1@0	-23.14	See Graphs	Pass
10MHz_Low_QPSK_50@0	-22.70	See Graphs	Pass
10MHz_Middle_QPSK_1@0	-22.85	See Graphs	Pass
10MHz_Middle_QPSK_50@0	-22.77	See Graphs	Pass
10MHz_High_QPSK_1@0	-22.36	See Graphs	Pass
10MHz_High_QPSK_50@0	-22.63	See Graphs	Pass

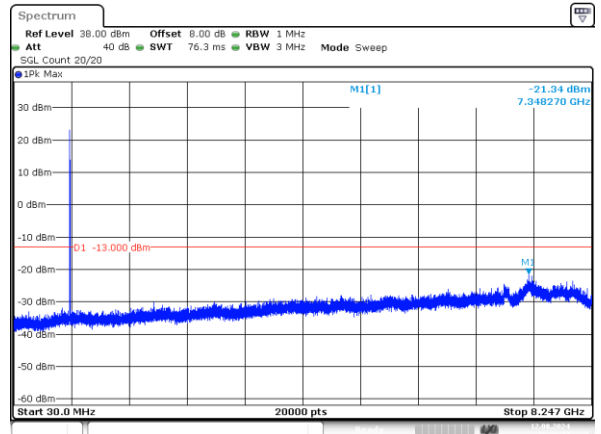
B5 , Normal

1.4MHz_Low_QPSK_1@0



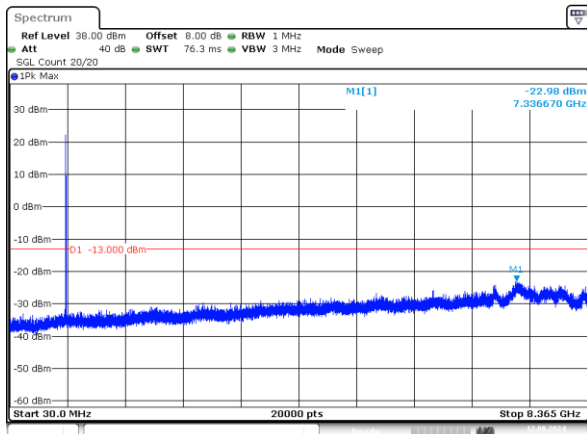
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:30:11

1.4MHz_Low_QPSK_6@0



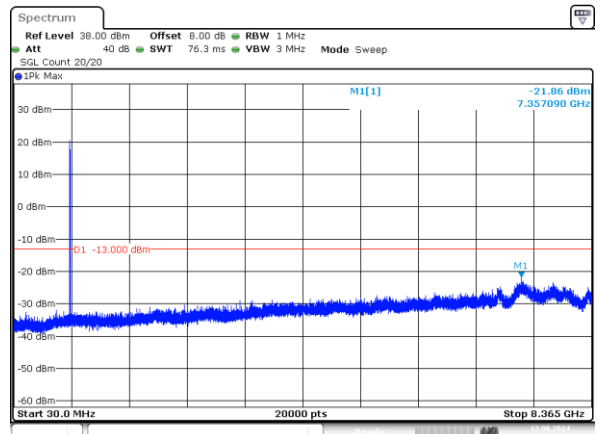
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:30:35

1.4MHz_Middle_QPSK_1@0



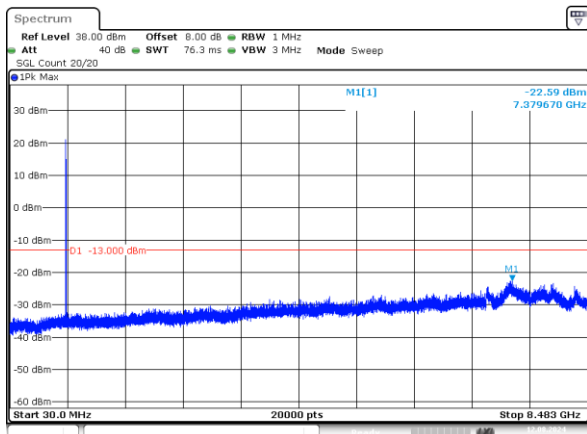
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:30:59

1.4MHz_Middle_QPSK_6@0



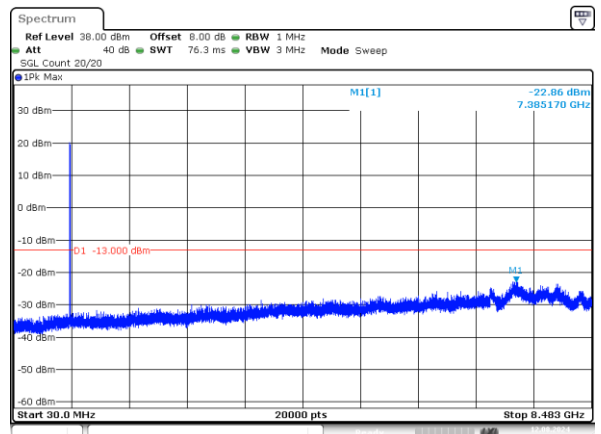
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:31:22

1.4MHz_High_QPSK_1@0



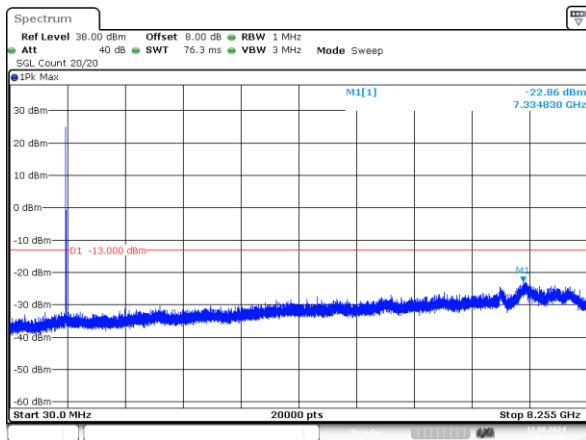
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Date: 12.AUG.2024 15:31:48

1.4MHz_High_QPSK_6@0



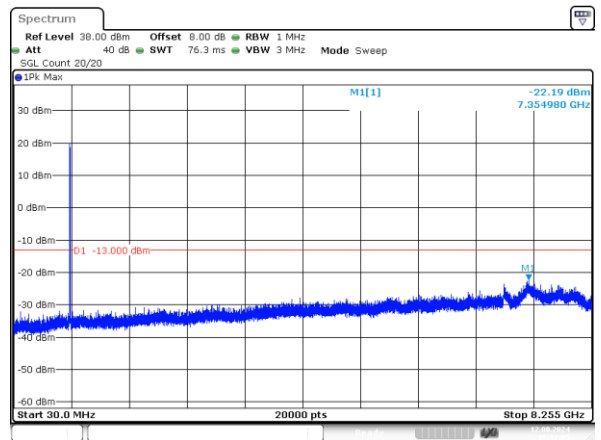
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:32:12

3MHz_Low_QPSK_1@0



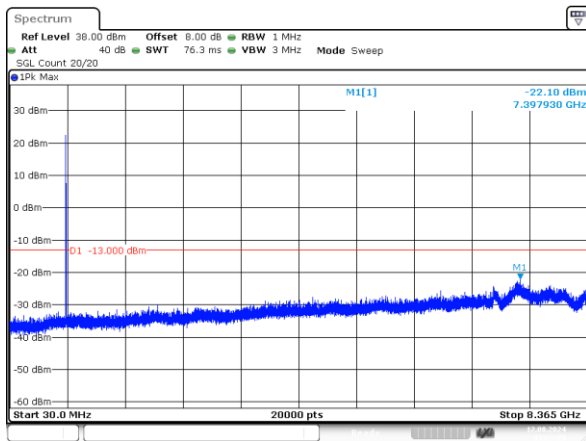
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Date: 12.AUG.2024 15:32:40

3MHz_Low_QPSK_15@0



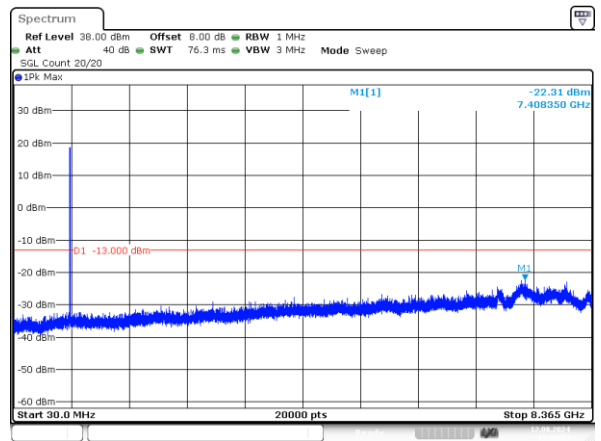
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:33:04

3MHz_Middle_QPSK_1@0



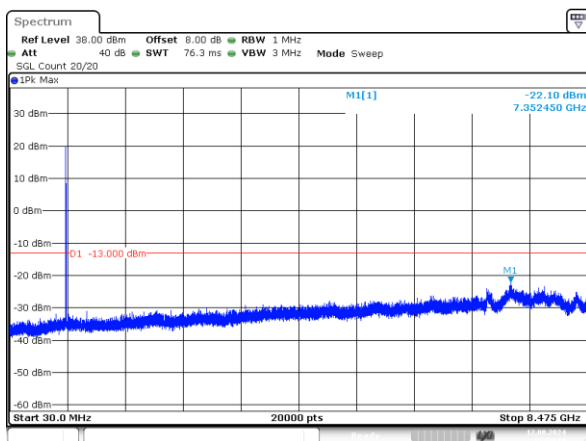
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:33:29

3MHz_Middle_QPSK_15@0



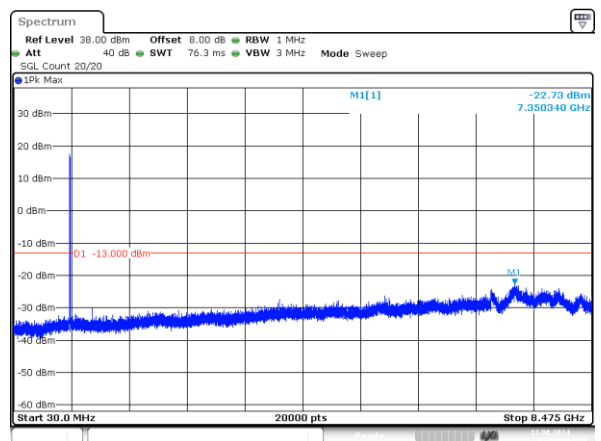
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:33:53

3MHz_High_QPSK_1@0



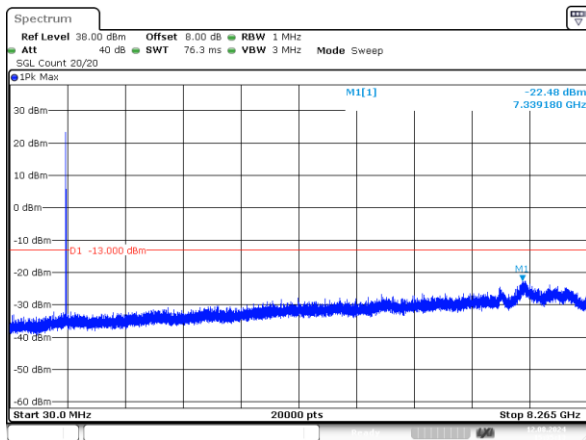
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Date: 12.AUG.2024 15:34:20

3MHz_High_QPSK_15@0



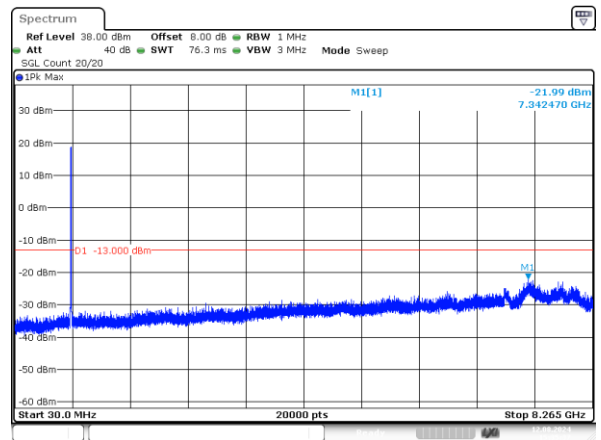
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:34:44

5MHz_Low_QPSK_1@0



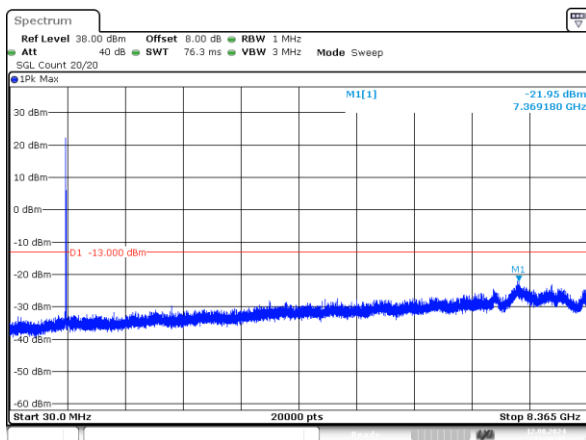
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:35:13

5MHz_Low_QPSK_25@0



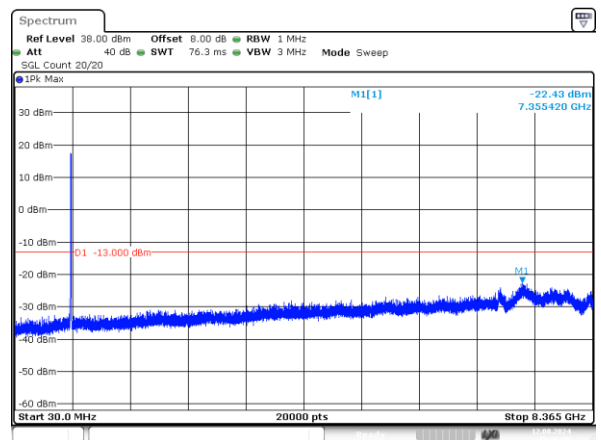
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:35:37

5MHz_Middle_QPSK_1@0



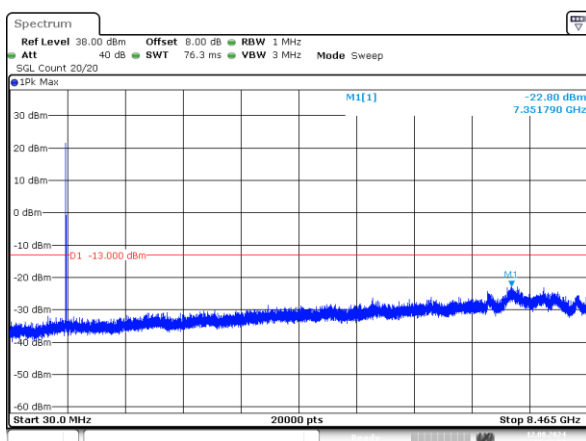
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:36:05

5MHz_Middle_QPSK_25@0



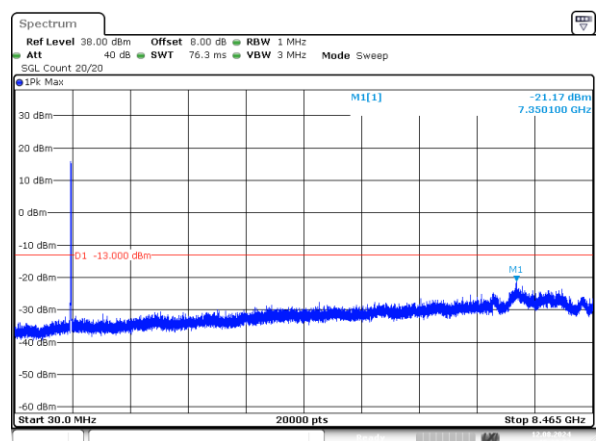
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:36:30

5MHz_High_QPSK_1@0



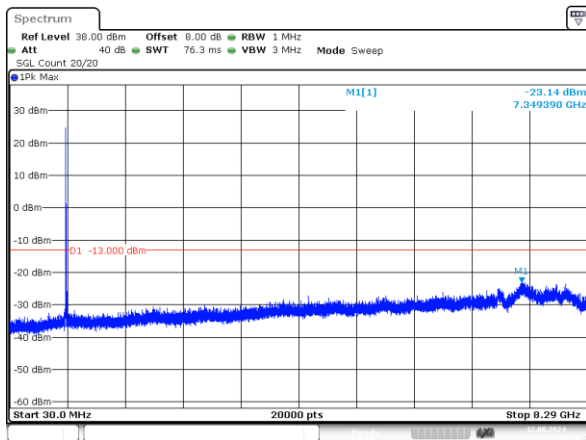
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Date: 12.AUG.2024 15:36:57

5MHz_High_QPSK_25@0



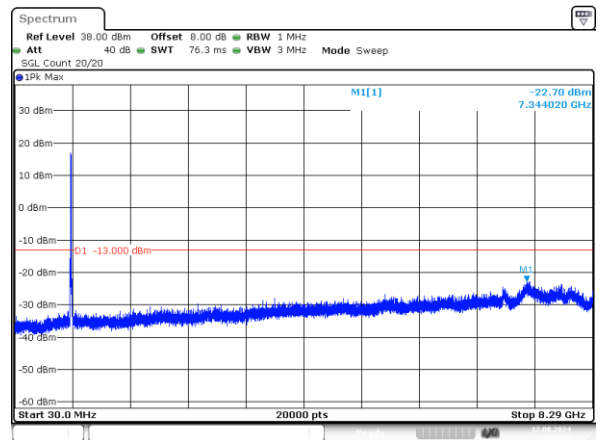
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:37:22

10MHz_Low_QPSK_1@0



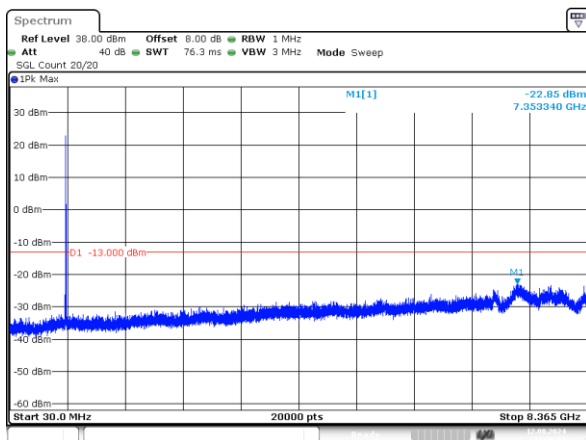
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:37:54

10MHz_Low_QPSK_50@0



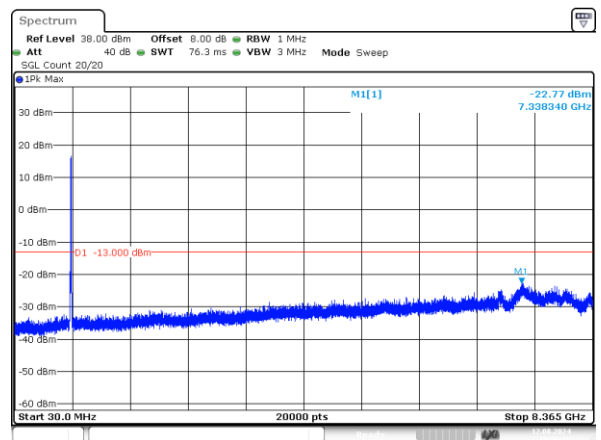
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:38:22

10MHz_Middle_QPSK_1@0



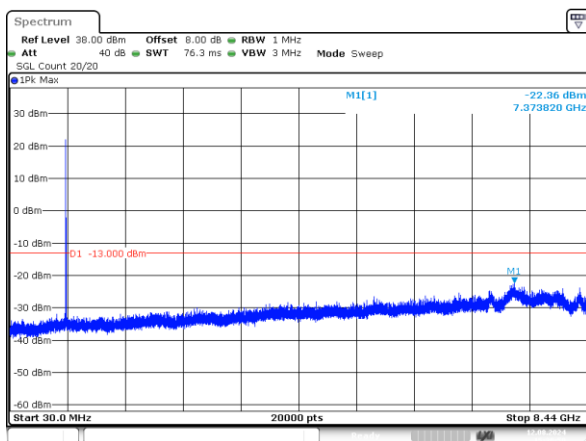
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:38:51

10MHz_Middle_QPSK_50@0



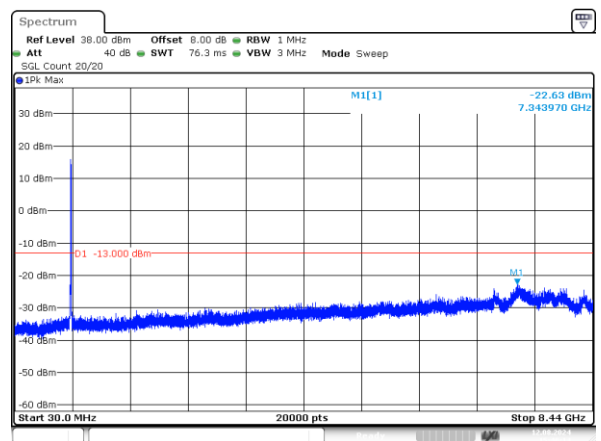
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:39:18

10MHz_High_QPSK_1@0



ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:39:50

10MHz_High_QPSK_50@0



ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:40:15

FCC Part 24E

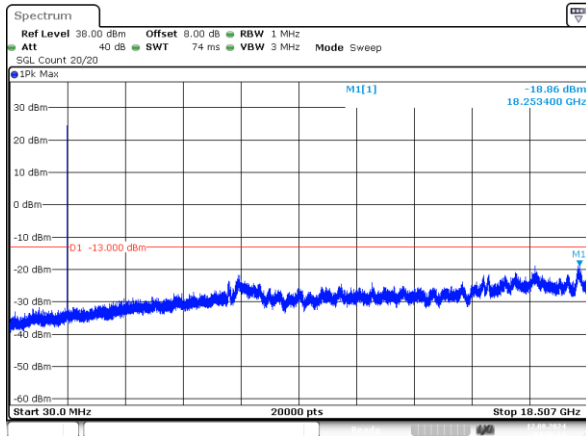
B2 , Normal

Mode	Value (dBm)	Limit	Result
1.4MHz_Low_QPSK_1@0	-18.86	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-18.58	See Graphs	Pass
1.4MHz_Middle_QPSK_1@0	-19.22	See Graphs	Pass
1.4MHz_Middle_QPSK_6@0	-18.33	See Graphs	Pass
1.4MHz_High_QPSK_1@0	-19.11	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-19.40	See Graphs	Pass
3MHz_Low_QPSK_1@0	-19.43	See Graphs	Pass
3MHz_Low_QPSK_15@0	-19.86	See Graphs	Pass
3MHz_Middle_QPSK_1@0	-19.05	See Graphs	Pass
3MHz_Middle_QPSK_15@0	-19.02	See Graphs	Pass
3MHz_High_QPSK_1@0	-18.98	See Graphs	Pass
3MHz_High_QPSK_15@0	-20.03	See Graphs	Pass
5MHz_Low_QPSK_1@0	-18.98	See Graphs	Pass
5MHz_Low_QPSK_25@0	-19.41	See Graphs	Pass
5MHz_Middle_QPSK_1@0	-19.35	See Graphs	Pass
5MHz_Middle_QPSK_25@0	-19.57	See Graphs	Pass
5MHz_High_QPSK_1@0	-18.69	See Graphs	Pass
5MHz_High_QPSK_25@0	-18.05	See Graphs	Pass
10MHz_Low_QPSK_1@0	-18.93	See Graphs	Pass
10MHz_Low_QPSK_50@0	-18.79	See Graphs	Pass
10MHz_Middle_QPSK_1@0	-19.68	See Graphs	Pass
10MHz_Middle_QPSK_50@0	-19.67	See Graphs	Pass
10MHz_High_QPSK_1@0	-19.18	See Graphs	Pass
10MHz_High_QPSK_50@0	-18.98	See Graphs	Pass
15MHz_Low_QPSK_1@0	-19.63	See Graphs	Pass
15MHz_Low_QPSK_75@0	-19.05	See Graphs	Pass
15MHz_Middle_QPSK_1@0	-18.89	See Graphs	Pass
15MHz_Middle_QPSK_75@0	-18.99	See Graphs	Pass
15MHz_High_QPSK_1@0	-19.06	See Graphs	Pass
15MHz_High_QPSK_75@0	-19.10	See Graphs	Pass
20MHz_Low_QPSK_1@0	-18.62	See Graphs	Pass

Mode	Value (dBm)	Limit	Result
20MHz_Low_QPSK_100@0	-18.51	See Graphs	Pass
20MHz_Middle_QPSK_1@0	-19.47	See Graphs	Pass
20MHz_Middle_QPSK_100@0	-19.11	See Graphs	Pass
20MHz_High_QPSK_1@0	-19.17	See Graphs	Pass
20MHz_High_QPSK_100@0	-19.16	See Graphs	Pass

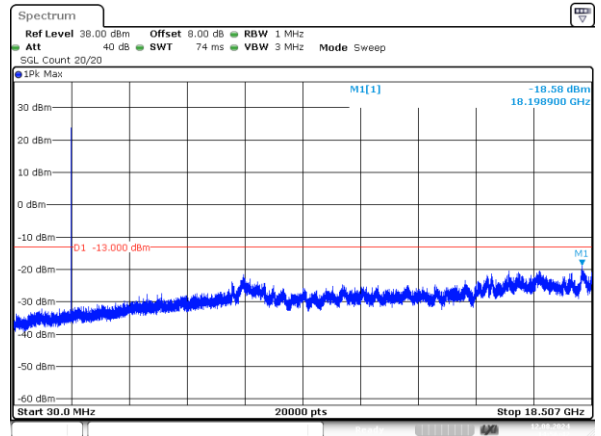
B2 , Normal

1.4MHz_Low_QPSK_1@0



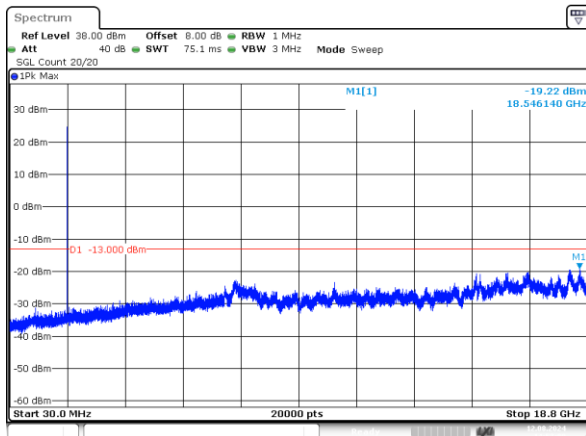
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:56:18

1.4MHz_Low_QPSK_6@0



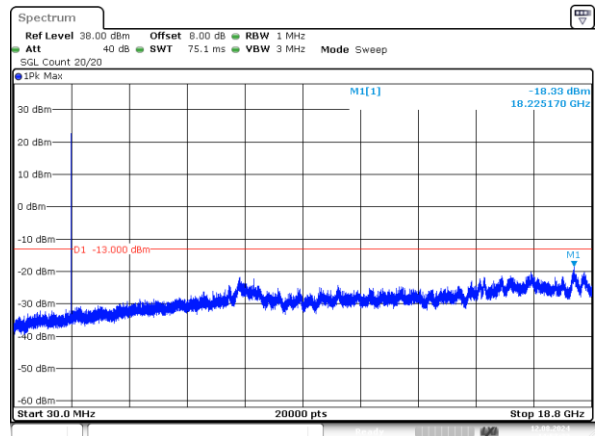
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Date: 12.AUG.2024 14:56:42

1.4MHz_Middle_QPSK_1@0



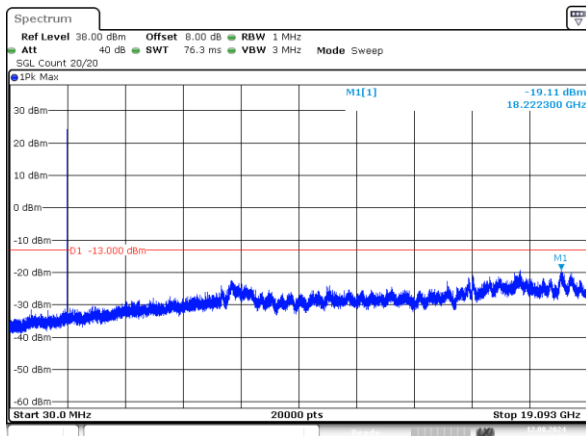
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Date: 12.AUG.2024 14:57:08

1.4MHz_Middle_QPSK_6@0



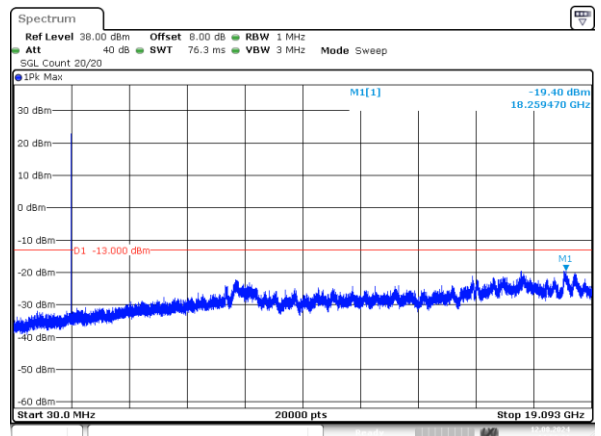
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:57:32

1.4MHz_High_QPSK_1@0



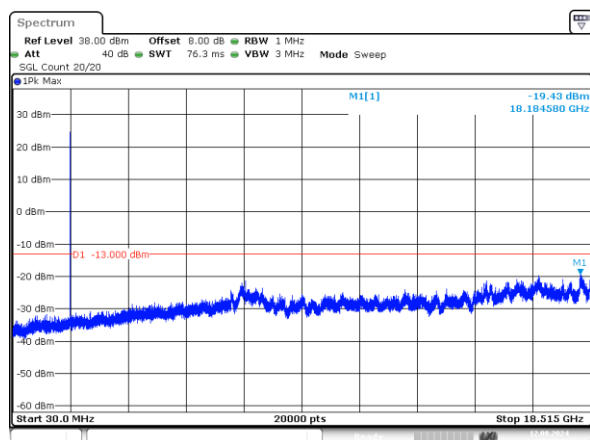
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:57:57

1.4MHz_High_QPSK_6@0



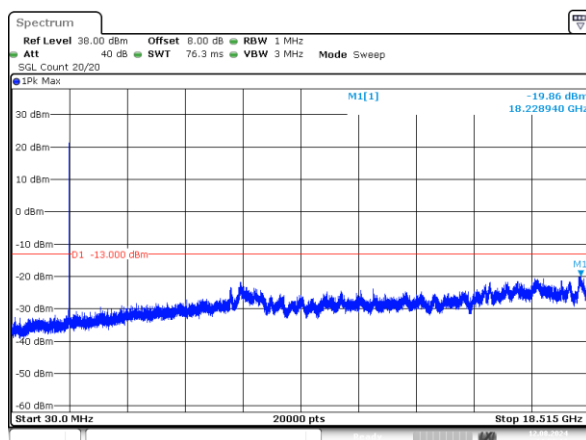
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:58:21

3MHz_Low_QPSK_1@0



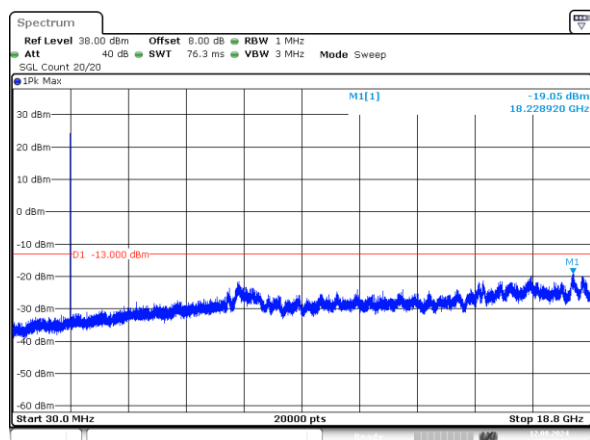
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:58:47

3MHz_Low_QPSK_15@0



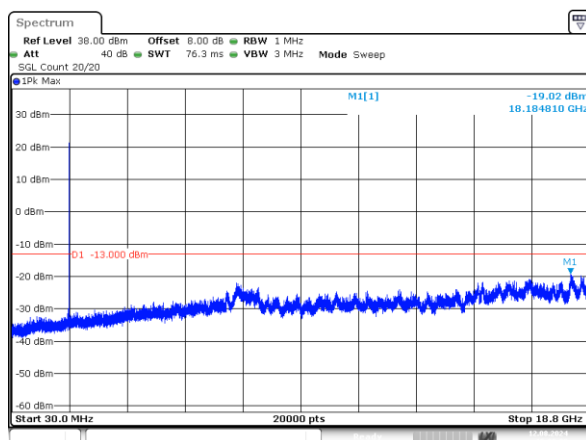
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 14:59:11

3MHz_Middle_QPSK_1@0



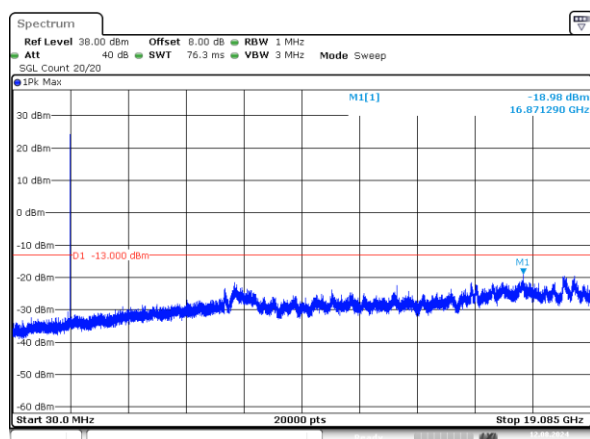
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Date: 12.AUG.2024 14:59:36

3MHz_Middle_QPSK_15@0



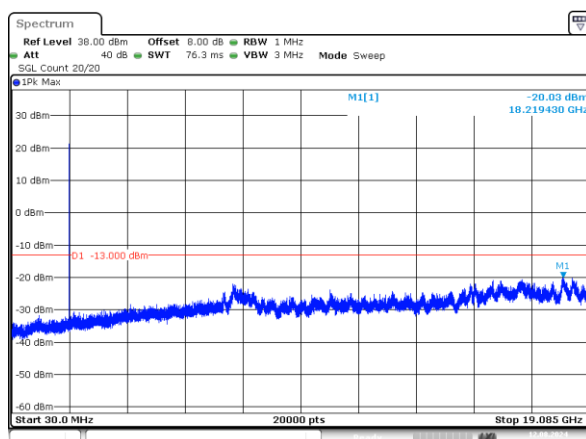
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:00:00

3MHz_High_QPSK_1@0



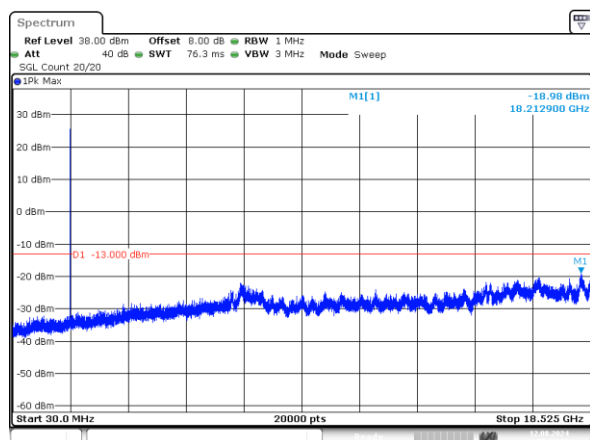
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Date: 12.AUG.2024 15:00:25

3MHz_High_QPSK_15@0



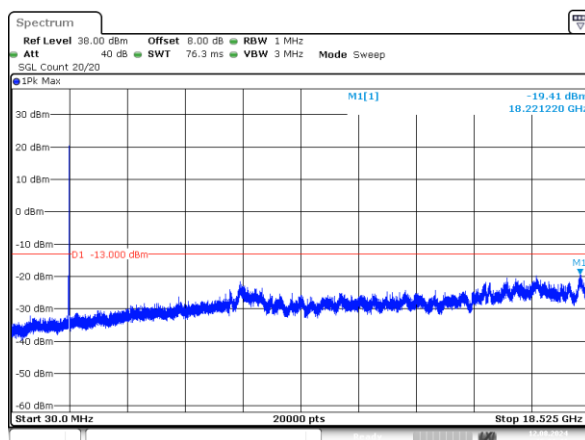
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:00:50

5MHz_Low_QPSK_1@0



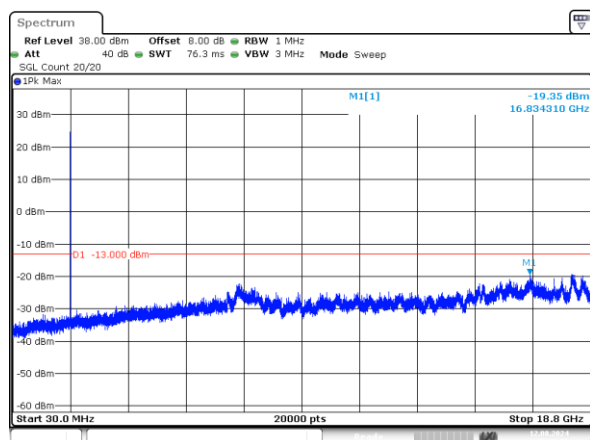
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Date: 12.AUG.2024 15:01:17

5MHz_Low_QPSK_25@0



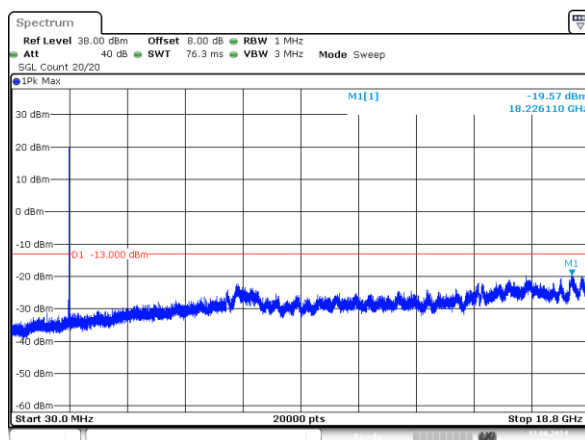
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:01:41

5MHz_Middle_QPSK_1@0



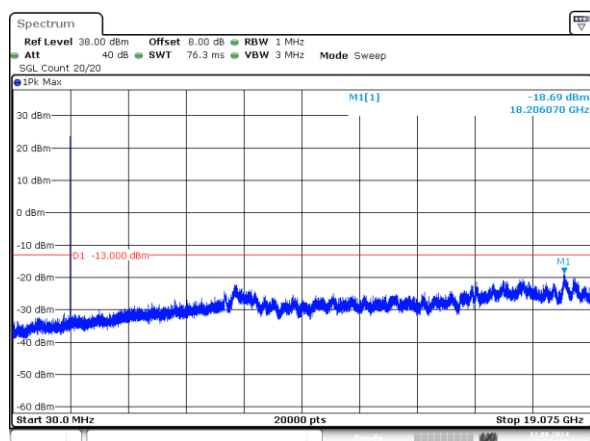
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:02:06

5MHz_Middle_QPSK_25@0



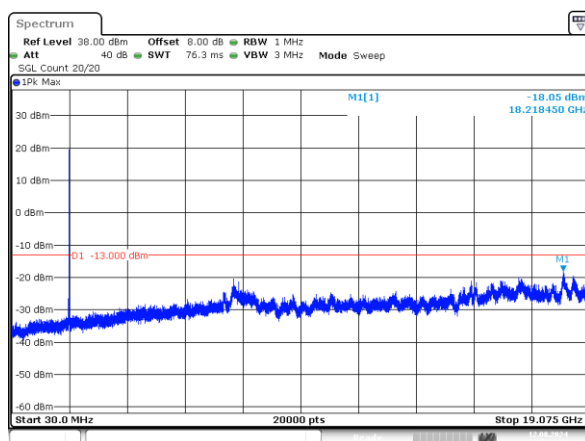
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:02:30

5MHz_High_QPSK_1@0



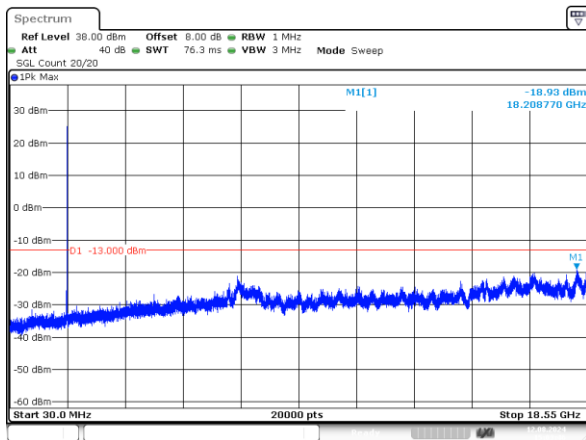
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Date: 12.AUG.2024 15:02:55

5MHz_High_QPSK_25@0



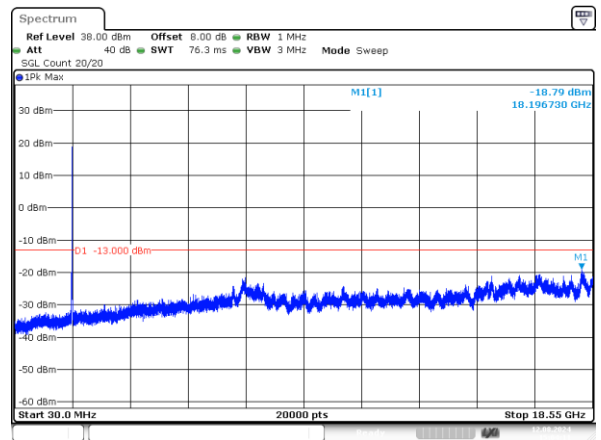
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Date: 12.AUG.2024 15:03:19

10MHz_Low_QPSK_1@0



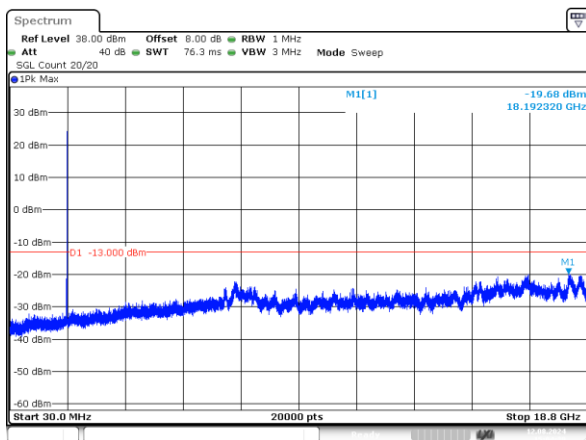
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Date: 12.AUG.2024 15:03:47

10MHz_Low_QPSK_50@0



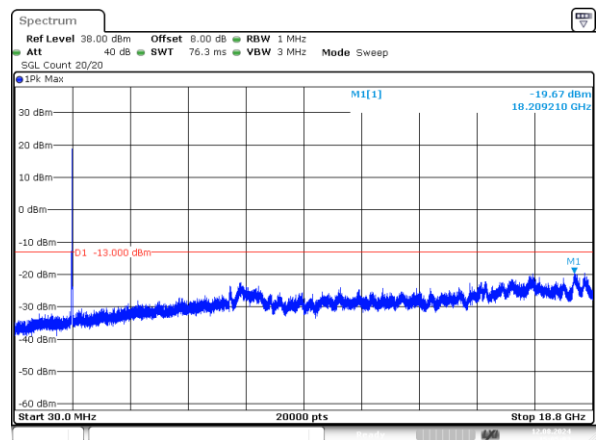
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:04:11

10MHz_Middle_QPSK_1@0



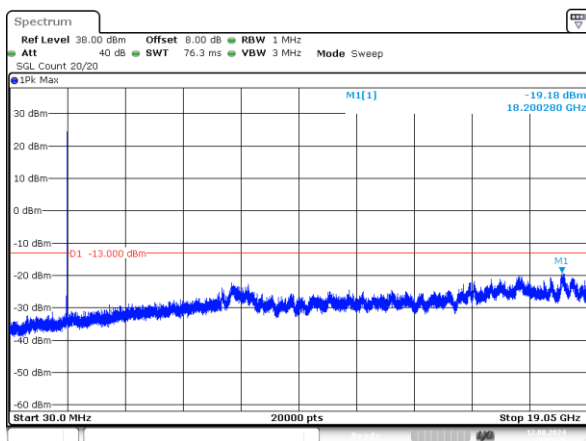
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10MHz_Middle_QPSK_50@0



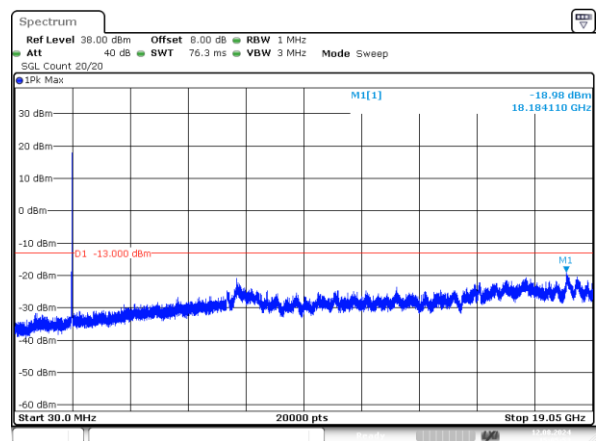
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Date: 12.AUG.2024 15:05:03

10MHz_High_QPSK_1@0



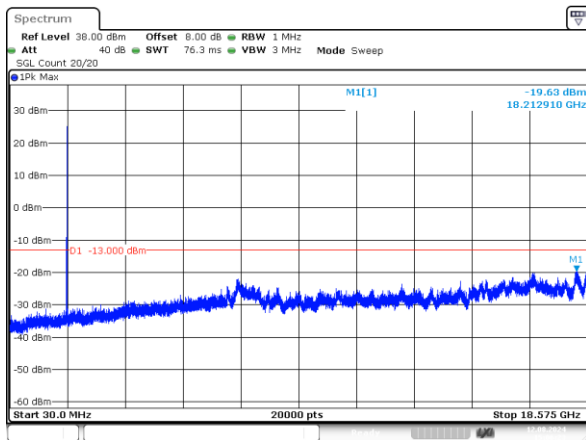
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Date: 12.AUG.2024 15:05:29

10MHz_High_QPSK_50@0



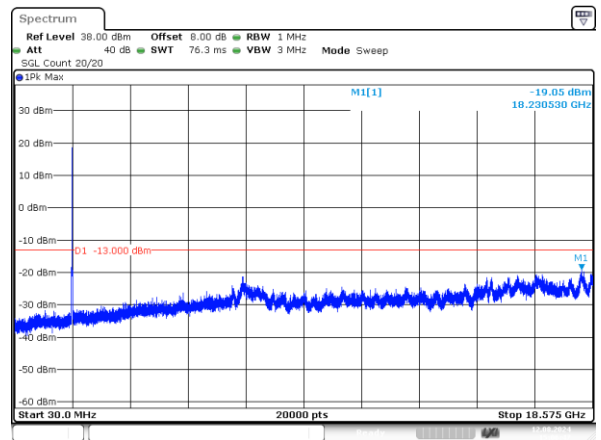
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:05:53

15MHz_Low_QPSK_1@0



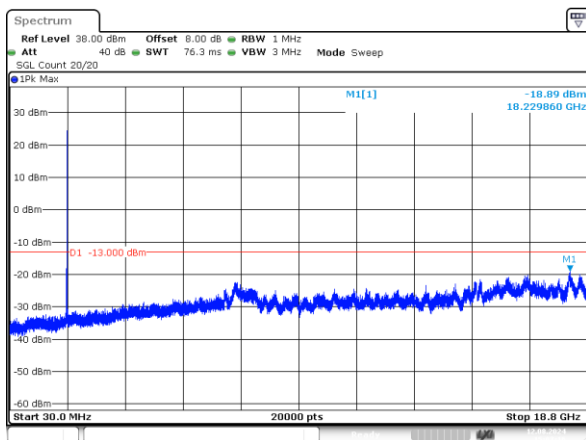
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:06:23

15MHz_Low_QPSK_75@0



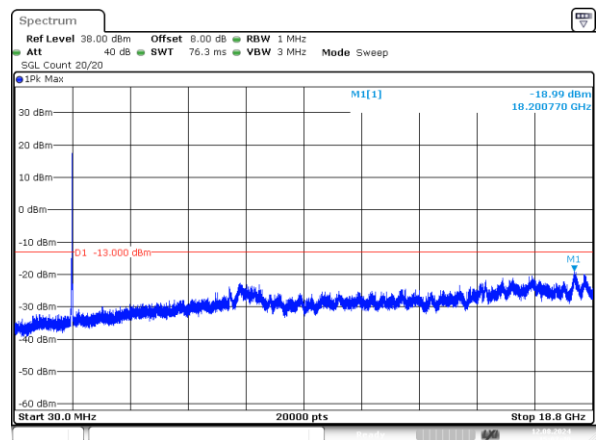
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:06:47

15MHz_Middle_QPSK_1@0



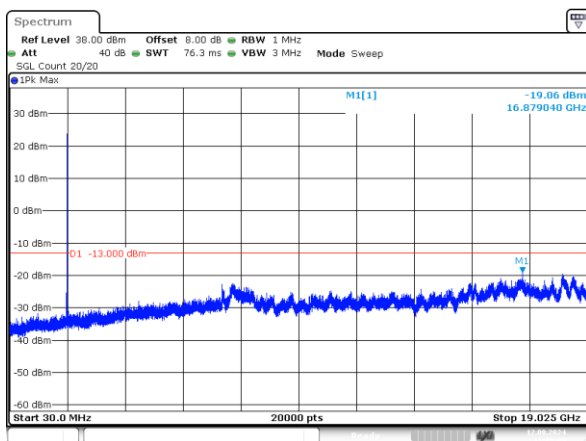
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:07:16

15MHz_Middle_QPSK_75@0



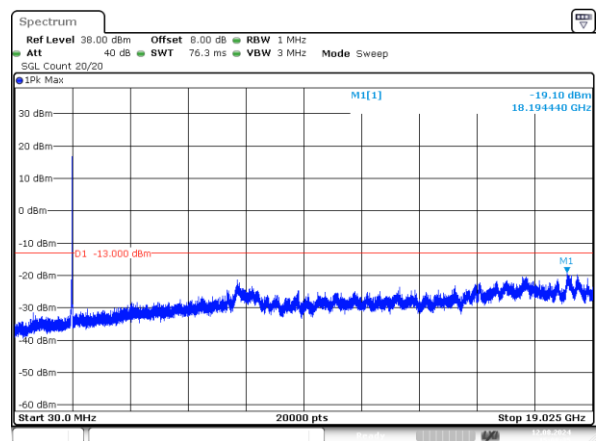
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:07:41

15MHz_High_QPSK_1@0



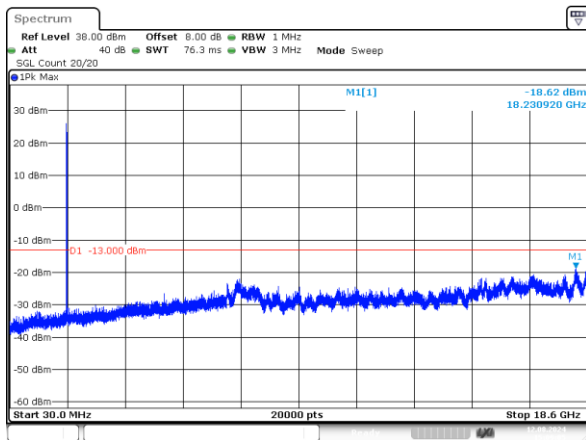
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:08:09

15MHz_High_QPSK_75@0



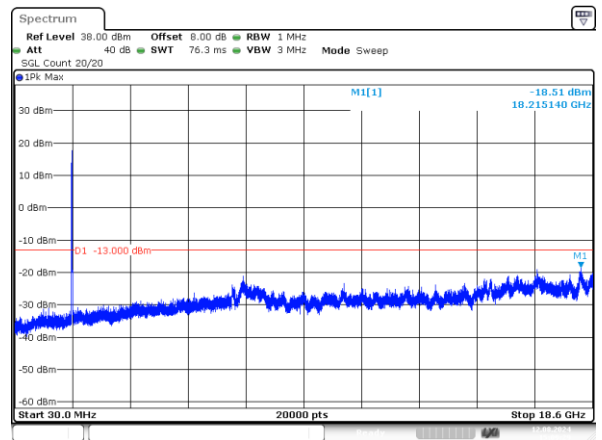
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:08:34

20MHz_Low_QPSK_1@0



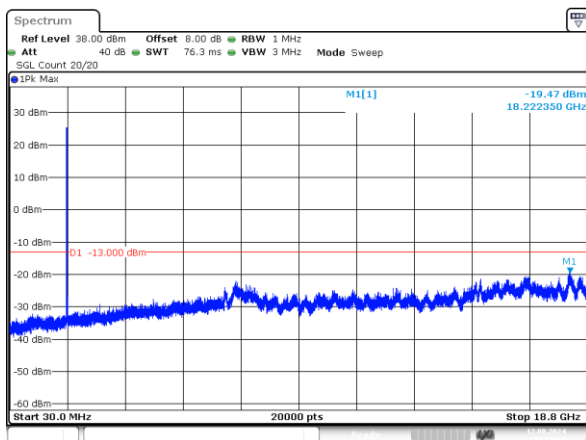
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:09:05

20MHz_Low_QPSK_100@0



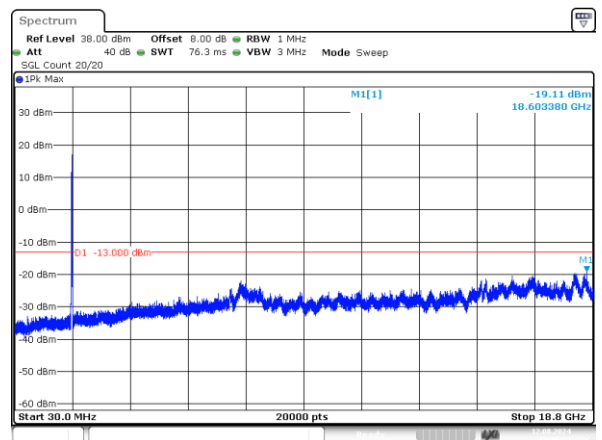
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:09:30

20MHz_Middle_QPSK_1@0



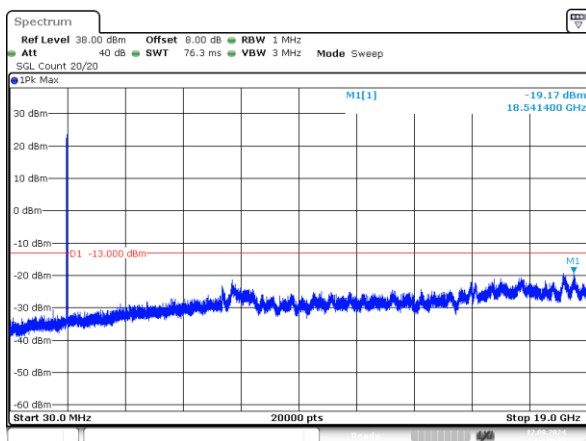
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:09:59

20MHz_Middle_QPSK_100@0



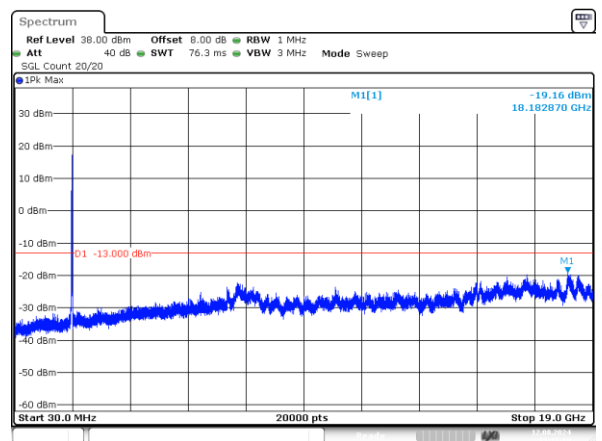
ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:10:24

20MHz_High_QPSK_1@0



ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:10:52

20MHz_High_QPSK_100@0



ProjectNo.:2405V58287E-RF Tester:Ryan Zhang
Date: 12.AUG.2024 15:11:19

FCC Part 27

B4 , Normal

Mode	Value (dBm)	Limit	Result
1.4MHz_Low_QPSK_1@0	-20.32	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-20.21	See Graphs	Pass
1.4MHz_Middle_QPSK_1@0	-20.12	See Graphs	Pass
1.4MHz_Middle_QPSK_6@0	-20.28	See Graphs	Pass
1.4MHz_High_QPSK_1@0	-19.59	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-19.94	See Graphs	Pass
3MHz_Low_QPSK_1@0	-20.74	See Graphs	Pass
3MHz_Low_QPSK_15@0	-20.58	See Graphs	Pass
3MHz_Middle_QPSK_1@0	-20.05	See Graphs	Pass
3MHz_Middle_QPSK_15@0	-18.83	See Graphs	Pass
3MHz_High_QPSK_1@0	-13.92	See Graphs	Pass
3MHz_High_QPSK_15@0	-15.88	See Graphs	Pass
5MHz_Low_QPSK_1@0	-20.40	See Graphs	Pass
5MHz_Low_QPSK_25@0	-19.73	See Graphs	Pass
5MHz_Middle_QPSK_1@0	-19.40	See Graphs	Pass
5MHz_Middle_QPSK_25@0	-18.40	See Graphs	Pass
5MHz_High_QPSK_1@0	-18.46	See Graphs	Pass
5MHz_High_QPSK_25@0	-17.70	See Graphs	Pass
10MHz_Low_QPSK_1@0	-17.95	See Graphs	Pass
10MHz_Low_QPSK_50@0	-18.27	See Graphs	Pass
10MHz_Middle_QPSK_1@0	-17.47	See Graphs	Pass
10MHz_Middle_QPSK_50@0	-17.39	See Graphs	Pass
10MHz_High_QPSK_1@0	-17.49	See Graphs	Pass
10MHz_High_QPSK_50@0	-17.94	See Graphs	Pass
15MHz_Low_QPSK_1@0	-17.83	See Graphs	Pass
15MHz_Low_QPSK_75@0	-17.53	See Graphs	Pass
15MHz_Middle_QPSK_1@0	-17.50	See Graphs	Pass
15MHz_Middle_QPSK_75@0	-17.86	See Graphs	Pass
15MHz_High_QPSK_1@0	-17.16	See Graphs	Pass
15MHz_High_QPSK_75@0	-17.84	See Graphs	Pass
20MHz_Low_QPSK_1@0	-17.22	See Graphs	Pass

Mode	Value (dBm)	Limit	Result
20MHz_Low_QPSK_100@0	-17.85	See Graphs	Pass
20MHz_Middle_QPSK_1@0	-17.97	See Graphs	Pass
20MHz_Middle_QPSK_100@0	-17.93	See Graphs	Pass
20MHz_High_QPSK_1@0	-18.13	See Graphs	Pass
20MHz_High_QPSK_100@0	-18.15	See Graphs	Pass

B12 , Normal

Mode	Value (dBm)	Limit	Result
1.4MHz_Low_QPSK_1@0	-25.50	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-25.61	See Graphs	Pass
1.4MHz_Middle_QPSK_1@0	-24.33	See Graphs	Pass
1.4MHz_Middle_QPSK_6@0	-23.54	See Graphs	Pass
1.4MHz_High_QPSK_1@0	-24.58	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-24.12	See Graphs	Pass
3MHz_Low_QPSK_1@0	-24.78	See Graphs	Pass
3MHz_Low_QPSK_15@0	-23.79	See Graphs	Pass
3MHz_Middle_QPSK_1@0	-24.60	See Graphs	Pass
3MHz_Middle_QPSK_15@0	-23.52	See Graphs	Pass
3MHz_High_QPSK_1@0	-23.81	See Graphs	Pass
3MHz_High_QPSK_15@0	-23.99	See Graphs	Pass
5MHz_Low_QPSK_1@0	-24.87	See Graphs	Pass
5MHz_Low_QPSK_25@0	-23.46	See Graphs	Pass
5MHz_Middle_QPSK_1@0	-23.94	See Graphs	Pass
5MHz_Middle_QPSK_25@0	-23.39	See Graphs	Pass
5MHz_High_QPSK_1@0	-23.46	See Graphs	Pass
5MHz_High_QPSK_25@0	-24.35	See Graphs	Pass
10MHz_Low_QPSK_1@0	-24.83	See Graphs	Pass
10MHz_Low_QPSK_50@0	-24.24	See Graphs	Pass
10MHz_Middle_QPSK_1@0	-23.35	See Graphs	Pass
10MHz_Middle_QPSK_50@0	-23.99	See Graphs	Pass
10MHz_High_QPSK_1@0	-24.57	See Graphs	Pass
10MHz_High_QPSK_50@0	-24.23	See Graphs	Pass

B66 , Normal

Mode	Value (dBm)	Limit	Result
1.4MHz_Low_QPSK_1@0	-18.16	See Graphs	Pass
1.4MHz_Low_QPSK_6@0	-18.35	See Graphs	Pass
1.4MHz_Middle_QPSK_1@0	-18.06	See Graphs	Pass
1.4MHz_Middle_QPSK_6@0	-17.94	See Graphs	Pass
1.4MHz_High_QPSK_1@0	-17.28	See Graphs	Pass
1.4MHz_High_QPSK_6@0	-17.35	See Graphs	Pass
3MHz_Low_QPSK_1@0	-17.17	See Graphs	Pass
3MHz_Low_QPSK_15@0	-17.74	See Graphs	Pass
3MHz_Middle_QPSK_1@0	-17.81	See Graphs	Pass
3MHz_Middle_QPSK_15@0	-16.72	See Graphs	Pass
3MHz_High_QPSK_1@0	-18.10	See Graphs	Pass
3MHz_High_QPSK_15@0	-18.82	See Graphs	Pass
5MHz_Low_QPSK_1@0	-16.95	See Graphs	Pass
5MHz_Low_QPSK_25@0	-18.28	See Graphs	Pass
5MHz_Middle_QPSK_1@0	-17.52	See Graphs	Pass
5MHz_Middle_QPSK_25@0	-17.52	See Graphs	Pass
5MHz_High_QPSK_1@0	-17.59	See Graphs	Pass
5MHz_High_QPSK_25@0	-18.91	See Graphs	Pass
10MHz_Low_QPSK_1@0	-17.44	See Graphs	Pass
10MHz_Low_QPSK_50@0	-17.48	See Graphs	Pass
10MHz_Middle_QPSK_1@0	-18.82	See Graphs	Pass
10MHz_Middle_QPSK_50@0	-17.46	See Graphs	Pass
10MHz_High_QPSK_1@0	-17.41	See Graphs	Pass
10MHz_High_QPSK_50@0	-17.14	See Graphs	Pass
15MHz_Low_QPSK_1@0	-17.74	See Graphs	Pass
15MHz_Low_QPSK_75@0	-17.70	See Graphs	Pass
15MHz_Middle_QPSK_1@0	-18.26	See Graphs	Pass
15MHz_Middle_QPSK_75@0	-17.97	See Graphs	Pass
15MHz_High_QPSK_1@0	-17.73	See Graphs	Pass
15MHz_High_QPSK_75@0	-18.57	See Graphs	Pass
20MHz_Low_QPSK_1@0	-17.76	See Graphs	Pass
20MHz_Low_QPSK_100@0	-17.87	See Graphs	Pass

Mode	Value (dBm)	Limit	Result
20MHz_Middle_QPSK_1@0	-18.06	See Graphs	Pass
20MHz_Middle_QPSK_100@0	-17.53	See Graphs	Pass
20MHz_High_QPSK_1@0	-18.13	See Graphs	Pass
20MHz_High_QPSK_100@0	-17.88	See Graphs	Pass