

Spurious Emissions at Antenna Terminal

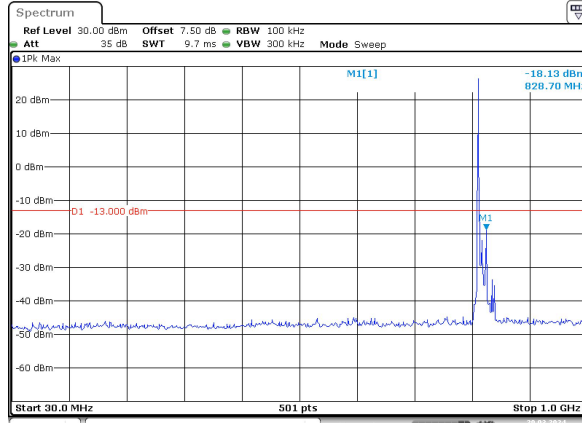
Channel	10MHz Bandwidth QPSK	
Lowest For 90S		
	ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:55:39	ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:55:51
90S&22H Cross		
	ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:27:56	ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:28:08

Spurious Emissions at Antenna Terminal

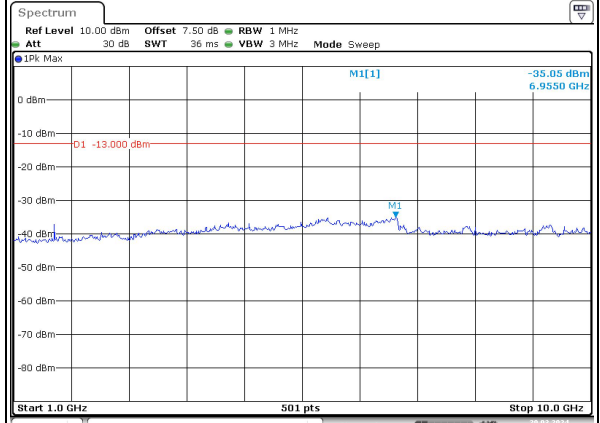
Channel

15MHz Bandwidth QPSK

Lowest
For 90S

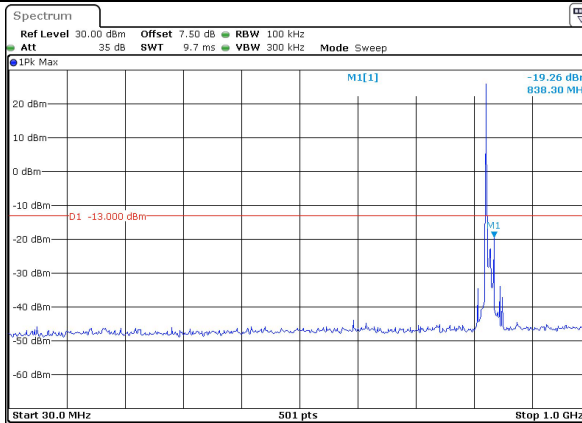


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 11:25:43

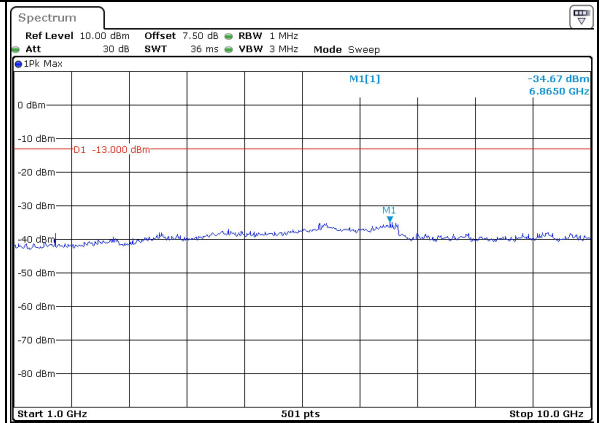


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 11:26:08

90S&22H
Cross



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 11:26:46



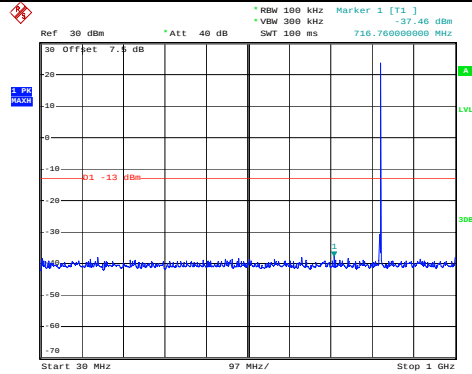
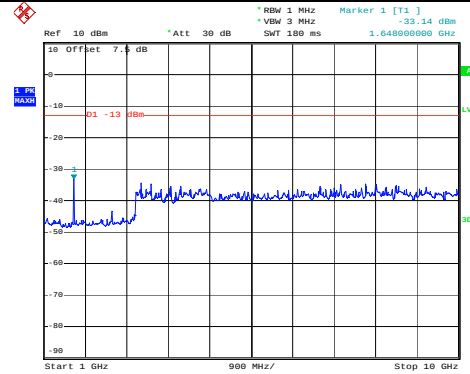
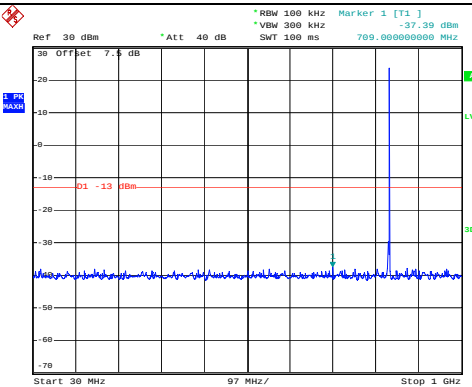
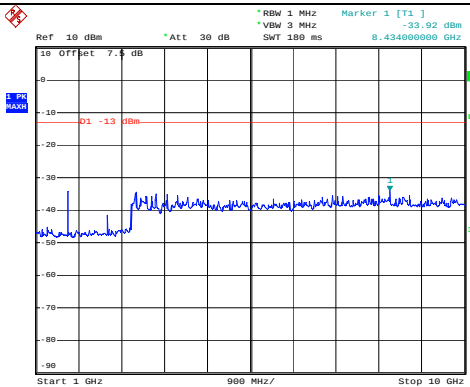
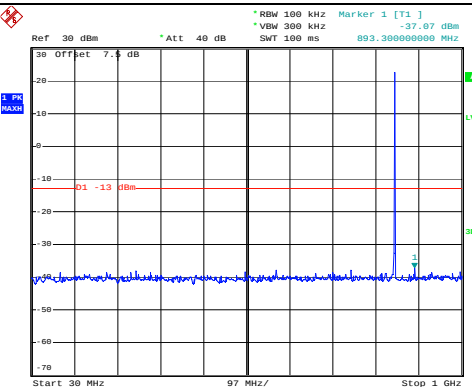
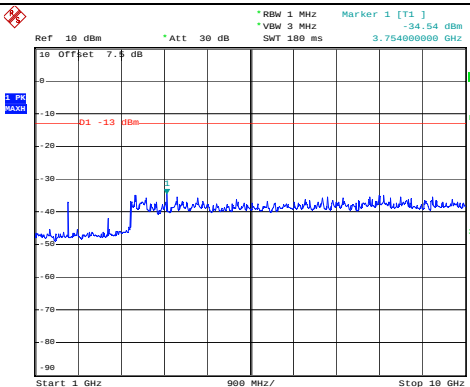
ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 29.MAR.2024 11:27:05

824-849MHz:

Spurious Emissions at Antenna Terminal

Channel

1.4MHz Bandwidth QPSK

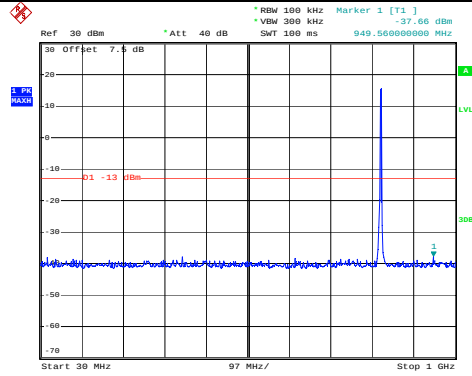
Lowest
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:06:04ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:06:16Middle
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:06:41ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:06:53Highest
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:07:16ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:07:29

Spurious Emissions at Antenna Terminal

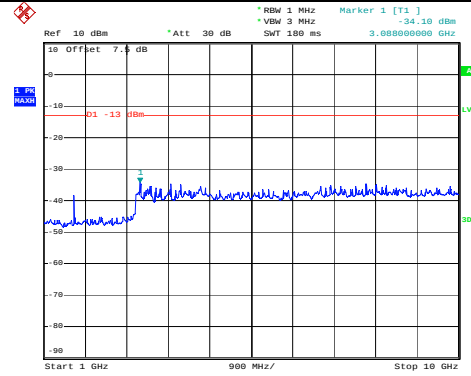
Channel

3MHz Bandwidth QPSK

Lowest
For
22H

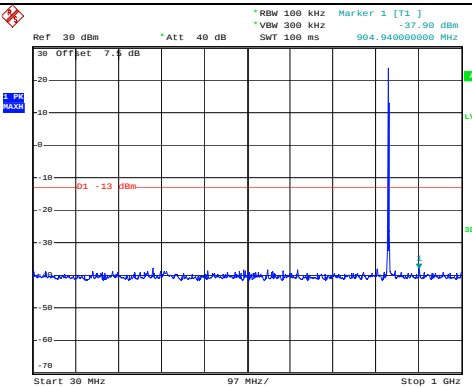


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:08:13

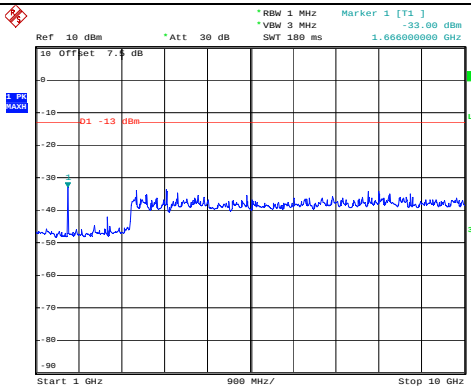


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:08:27

Middle
For
22H

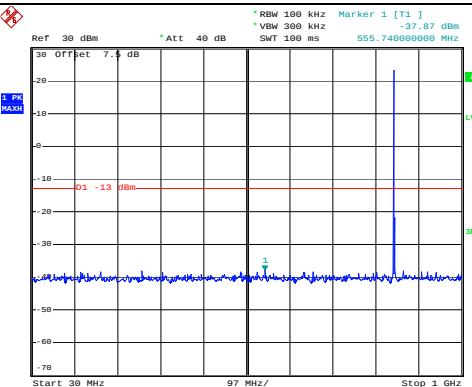


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:08:53

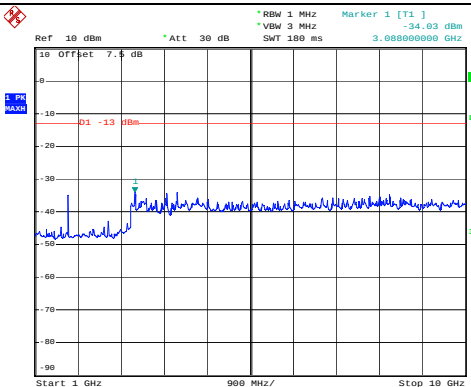


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:09:07

Highest
For
22H



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:09:39



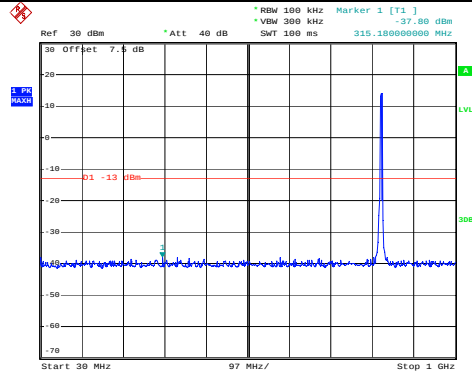
ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:09:50

Spurious Emissions at Antenna Terminal

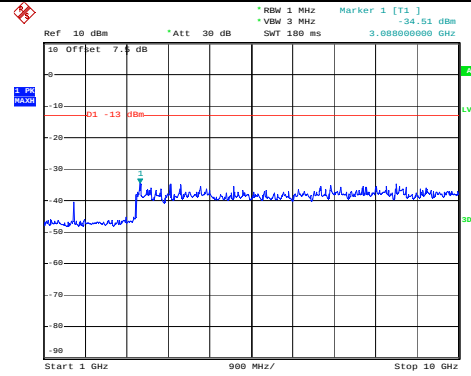
Channel

5MHz Bandwidth QPSK

Lowest
For
22H

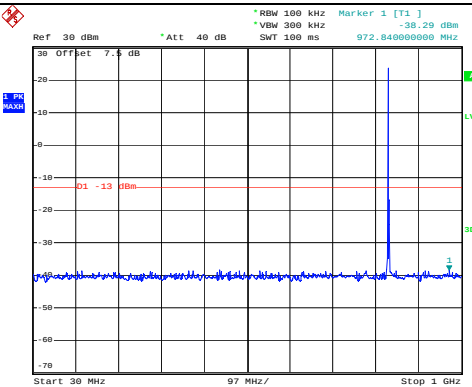


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:10:41

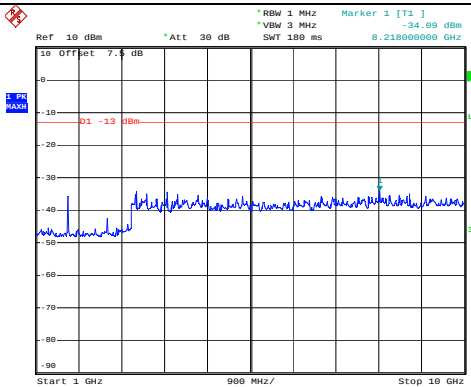


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:10:51

Middle
For
22H

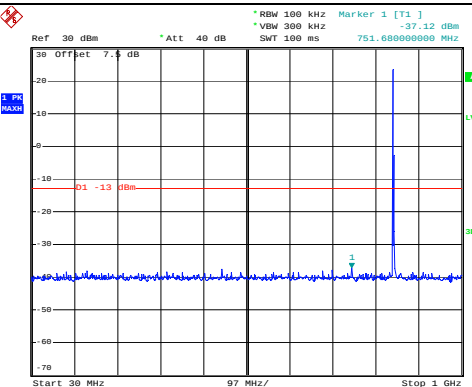


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:11:17

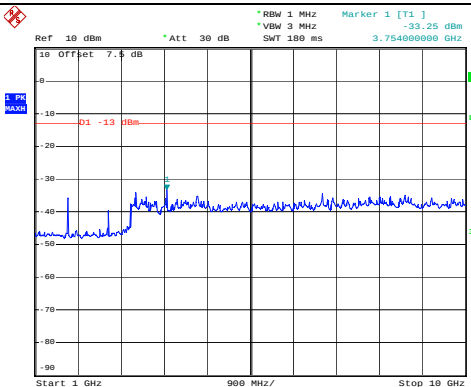


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:11:28

Highest
For
22H



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:11:56



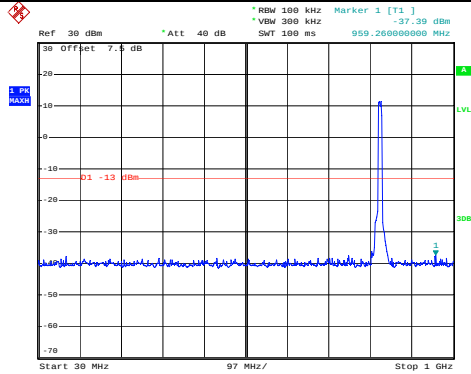
ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:12:10

Spurious Emissions at Antenna Terminal

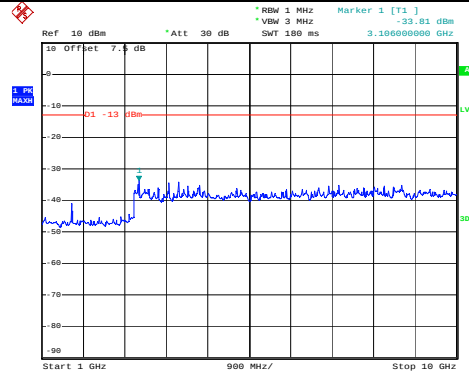
Channel

10MHz Bandwidth QPSK

Lowest
For
22H

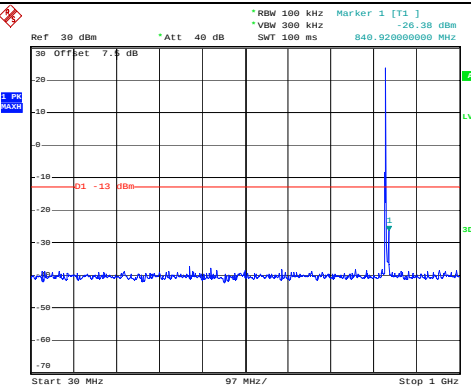


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:13:02

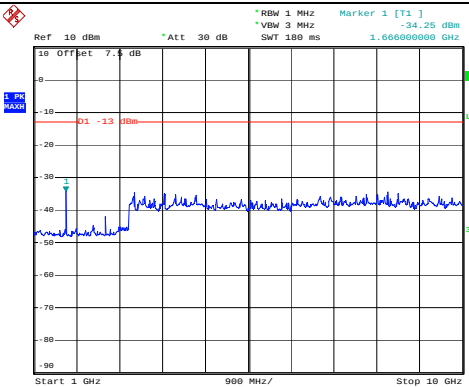


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:13:13

Middle
For
22H

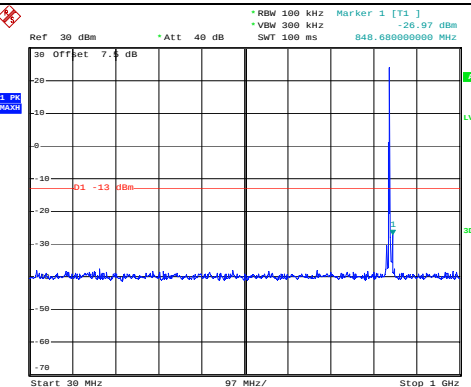


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:14:21

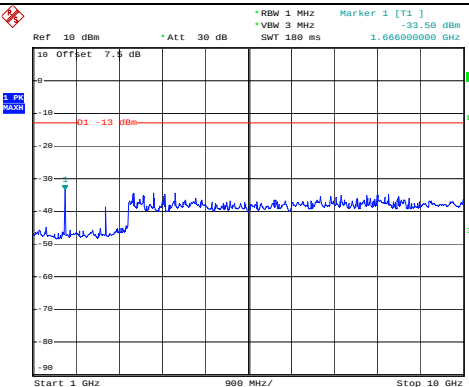


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:14:31

Highest
For
22H



ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:14:55

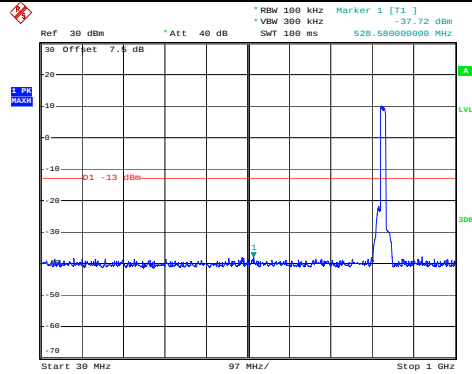
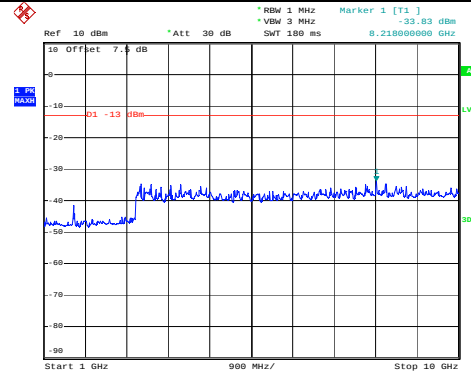
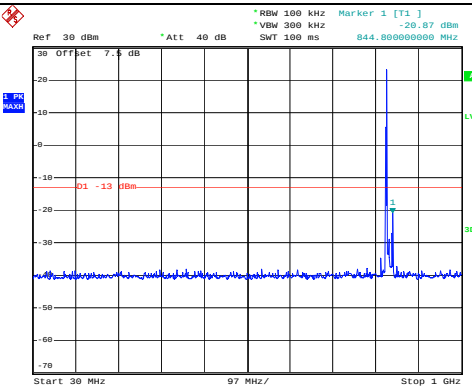
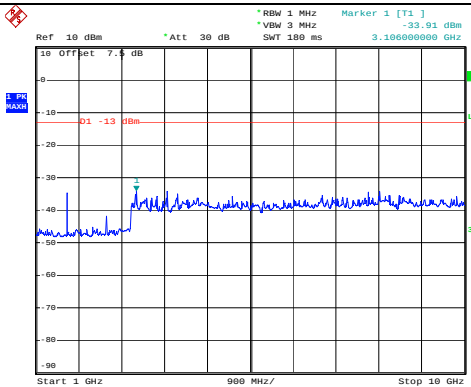
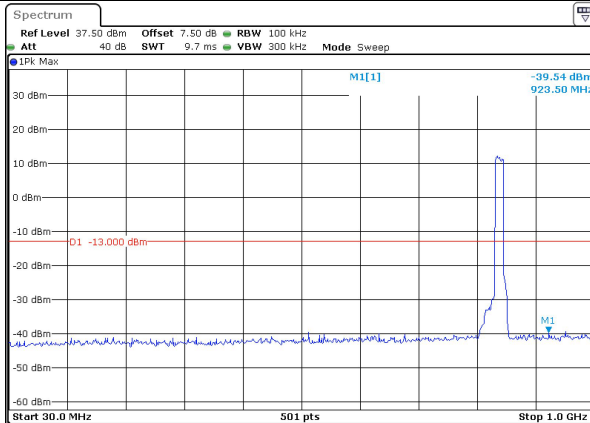
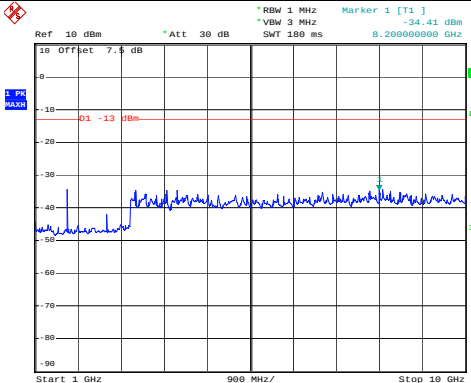


ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:15:43

Spurious Emissions at Antenna Terminal

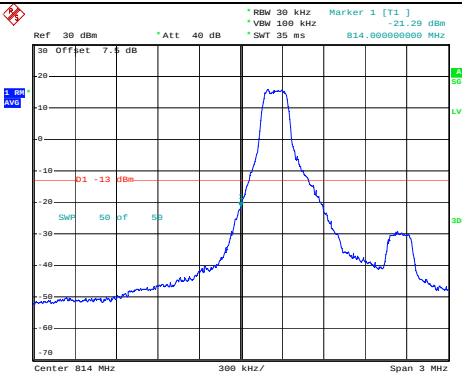
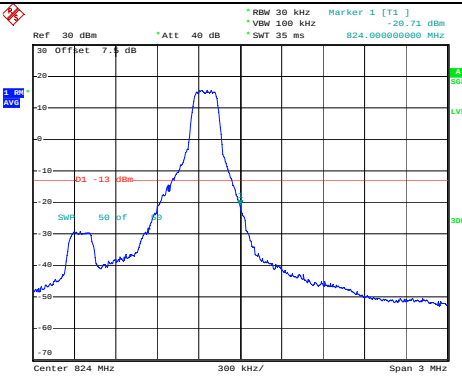
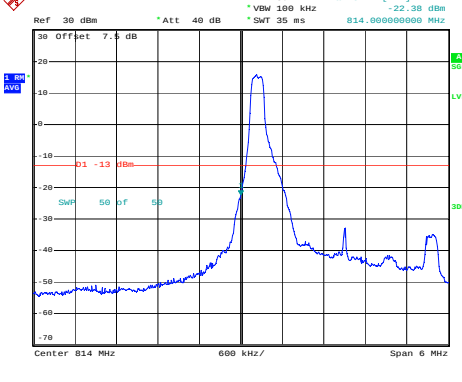
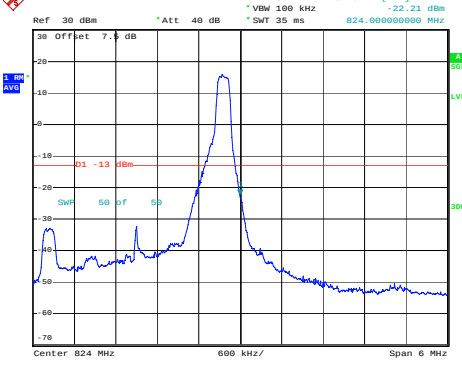
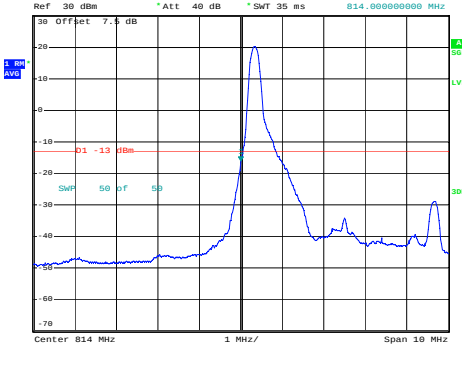
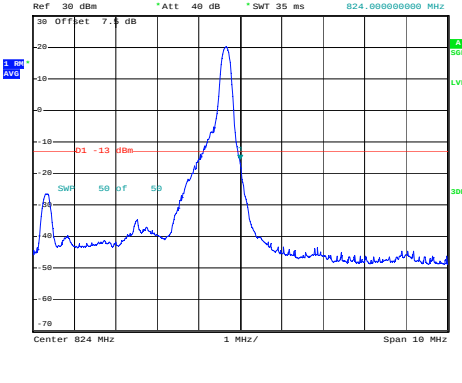
Channel

15MHz Bandwidth QPSK

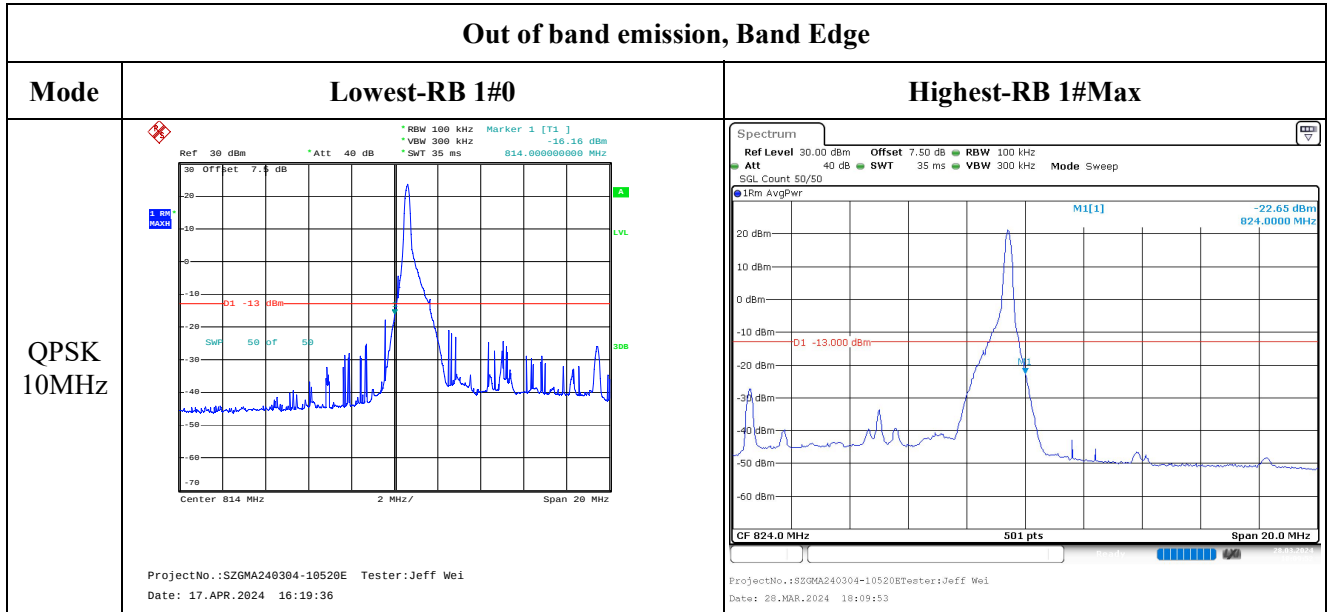
Lowest
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:16:34ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:16:44Middle
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:17:13ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:17:23Highest
For
22HProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 19.APR.2024 16:56:09ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei
Date: 17.APR.2024 11:18:03

814-824MHz:

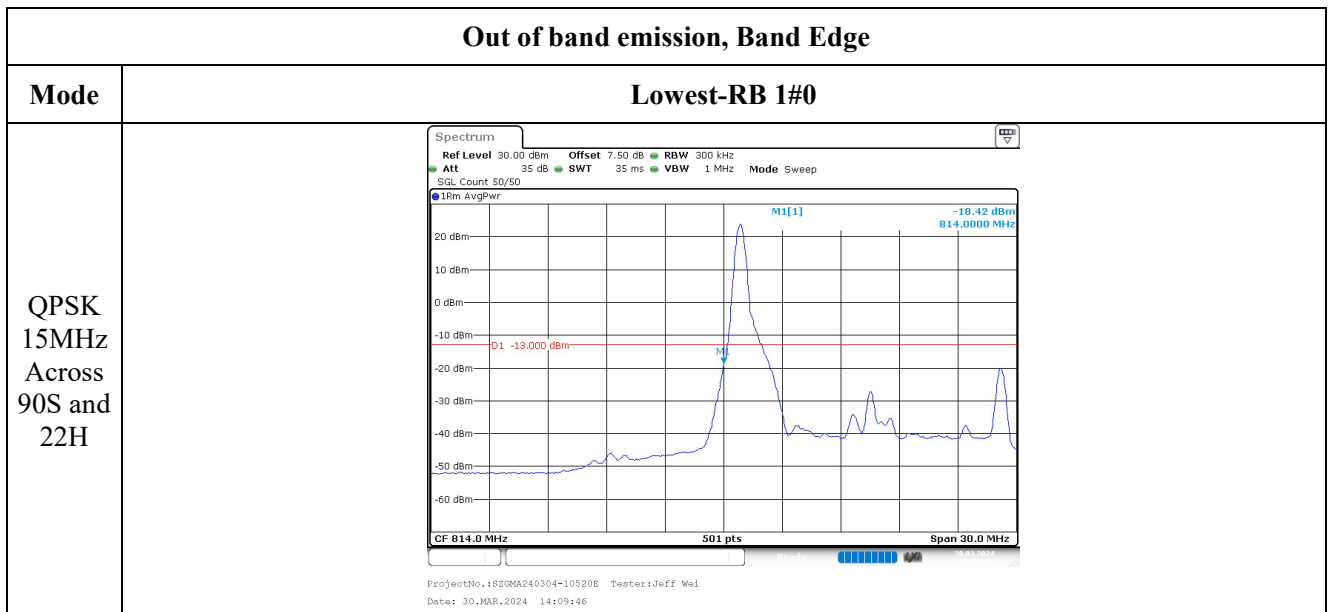
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
QPSK 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:32:10	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:08:05
QPSK 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:33:58	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:35:07
QPSK 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:40:04	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:40:58

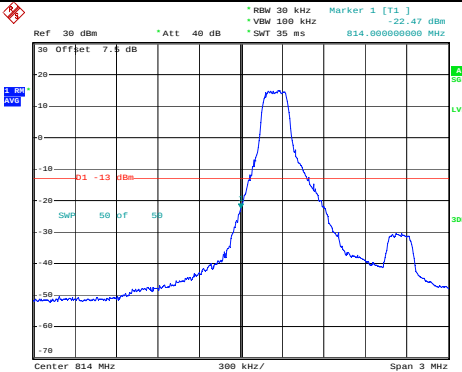
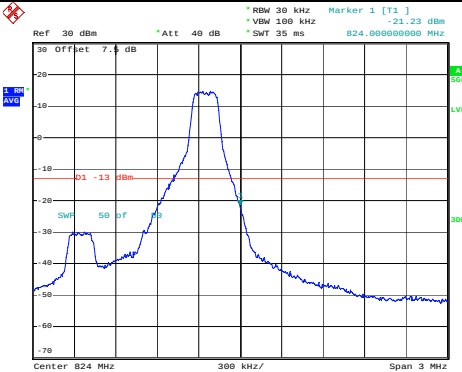
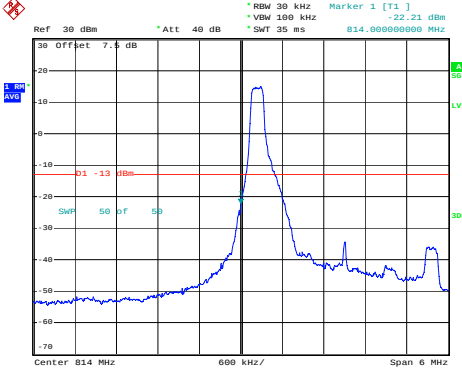
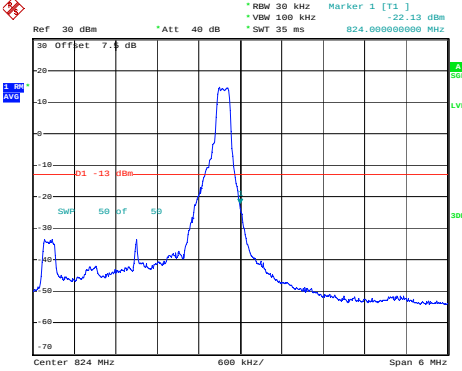
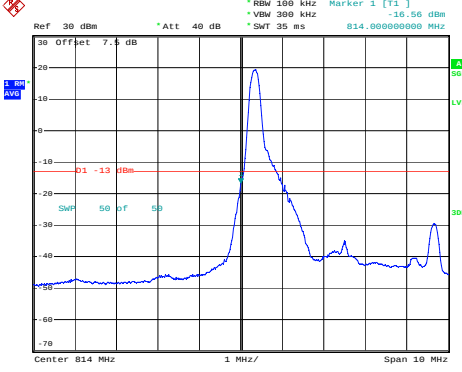
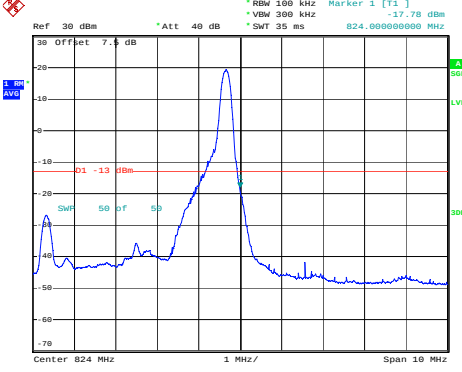
Out of band emission, Band Edge



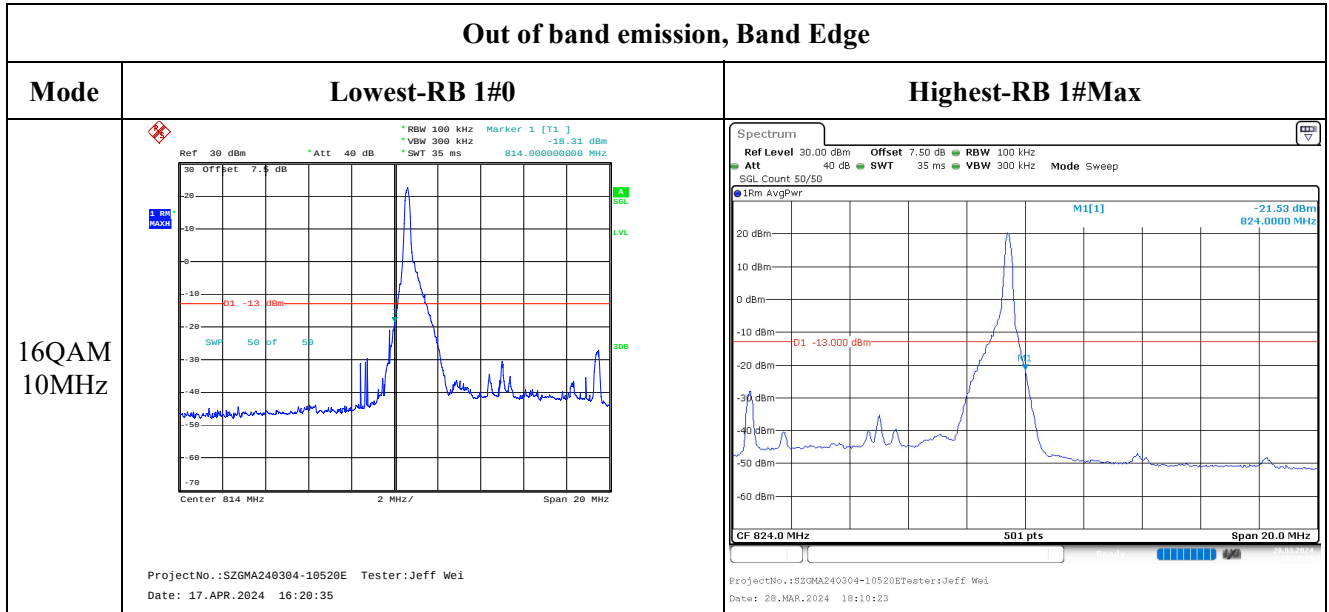
Out of band emission, Band Edge



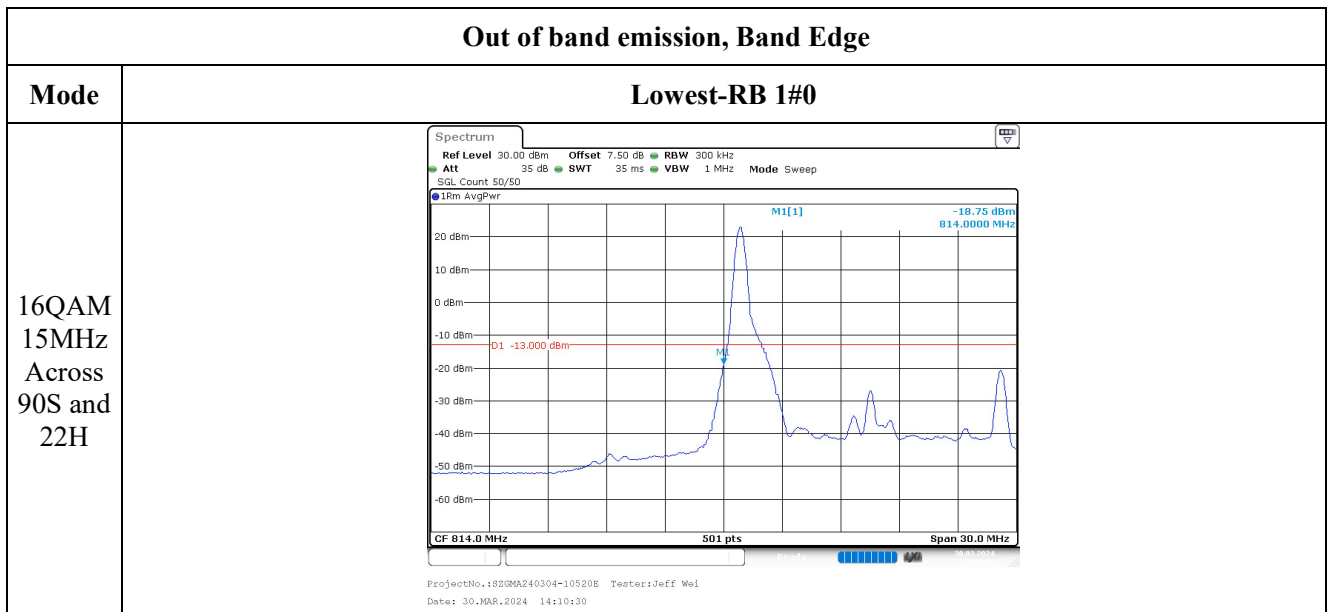
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
16QAM 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:32:35	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:33:28
16QAM 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:34:35	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:37:48
16QAM 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:40:29	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 11:41:25

Out of band emission, Band Edge

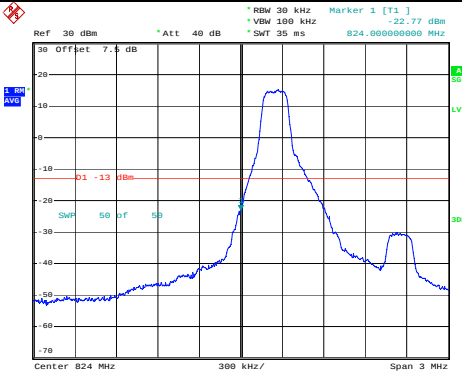
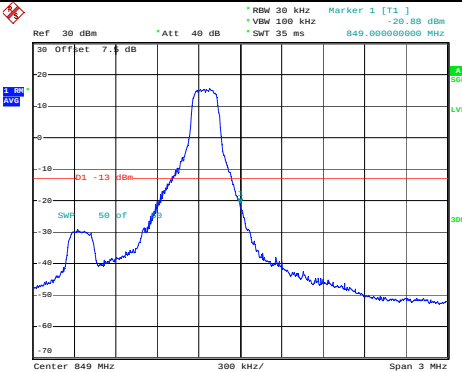
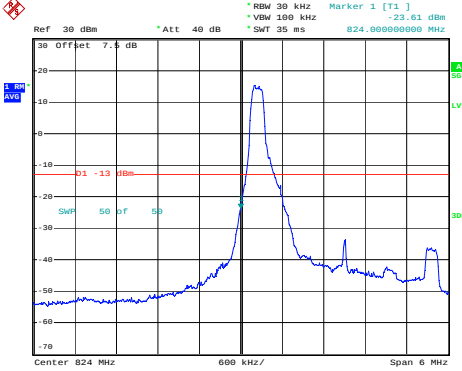
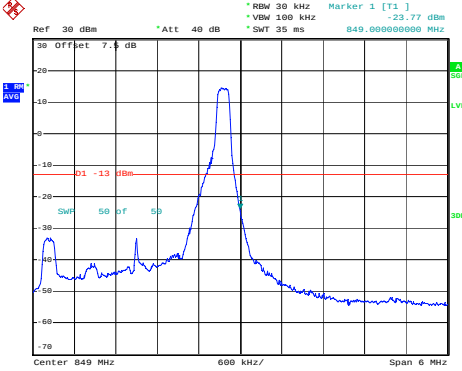
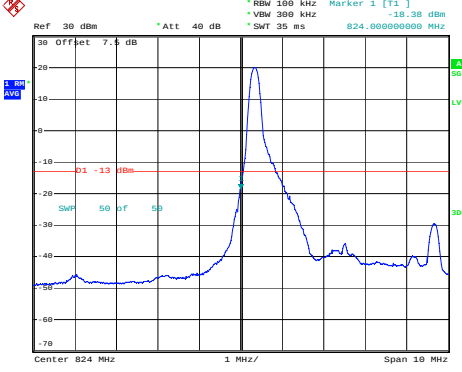
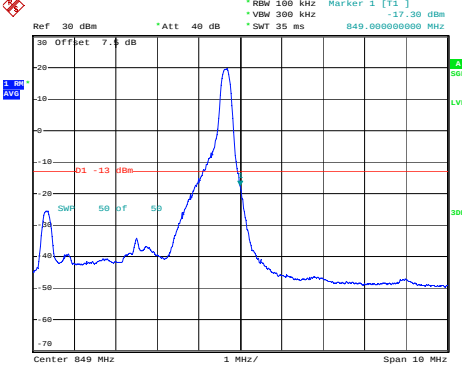


Out of band emission, Band Edge

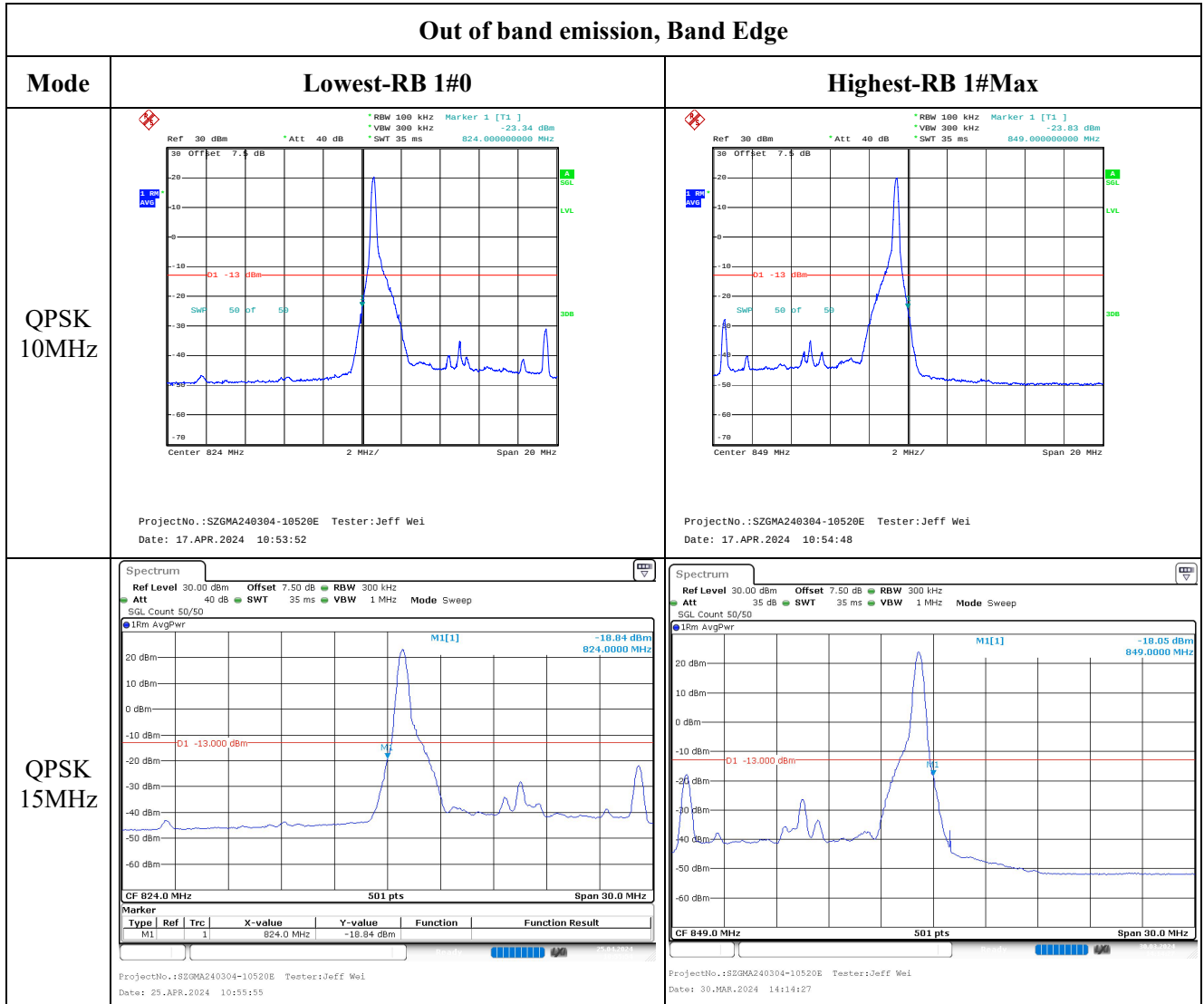


824-849MHz:

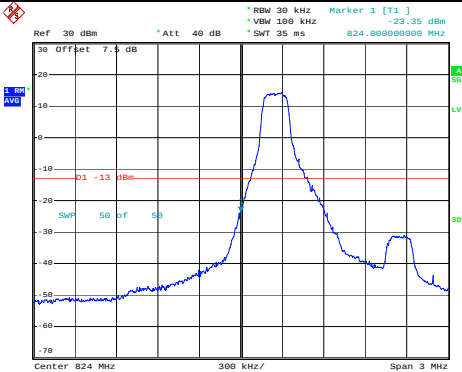
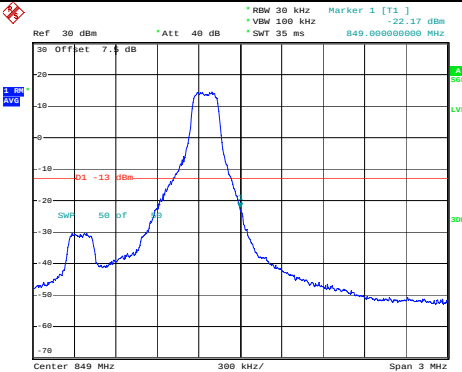
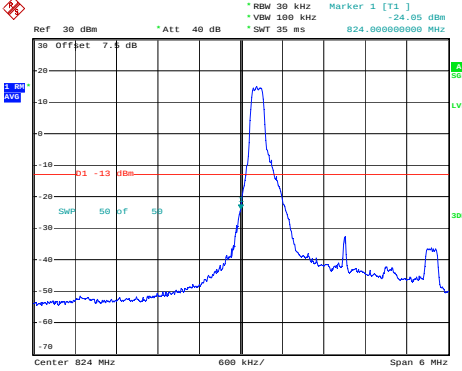
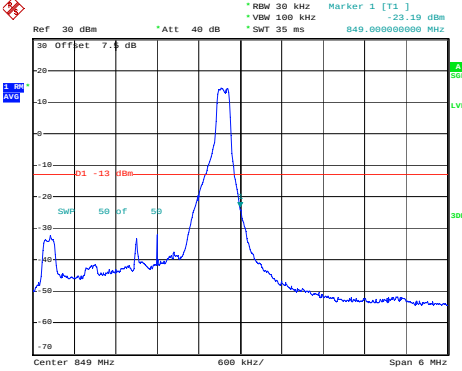
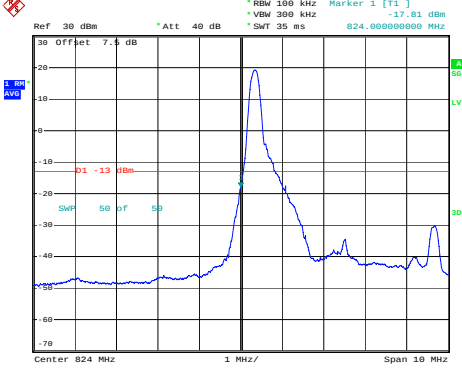
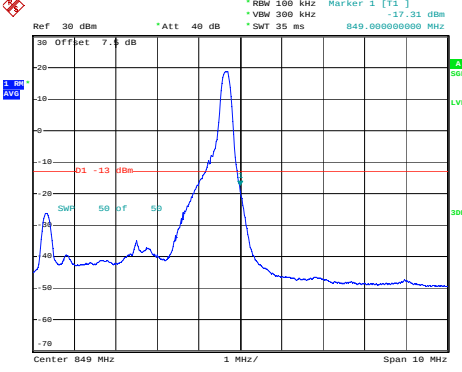
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
QPSK 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:43:59	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:48:35
QPSK 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:35:57	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:38:50
QPSK 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:51:57	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:52:55

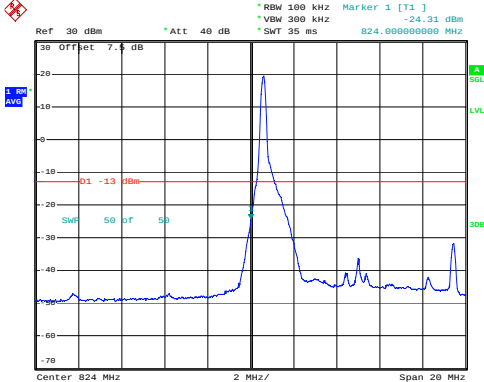
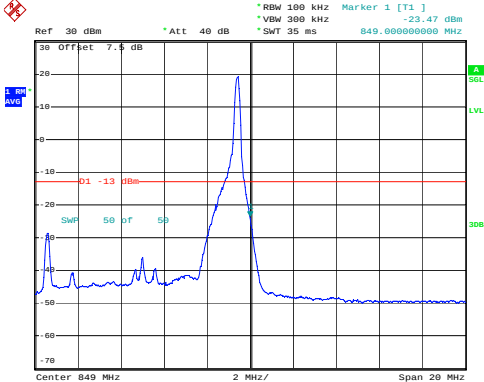
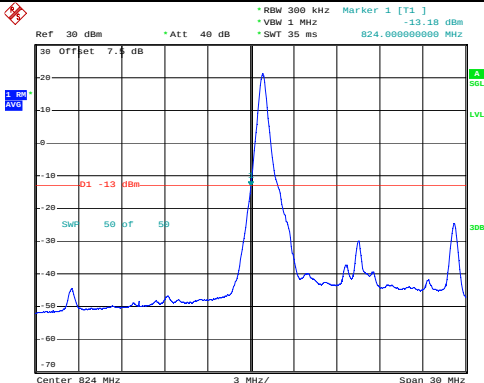
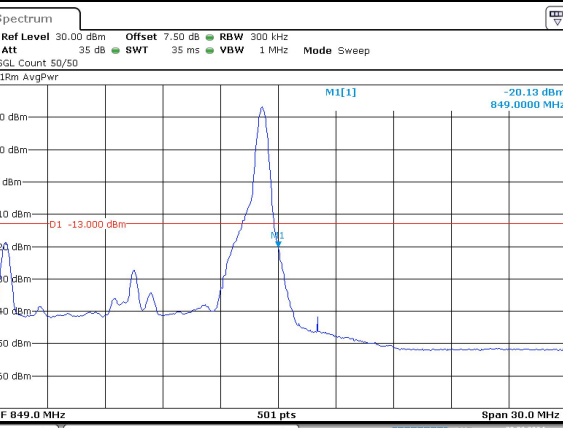
Out of band emission, Band Edge



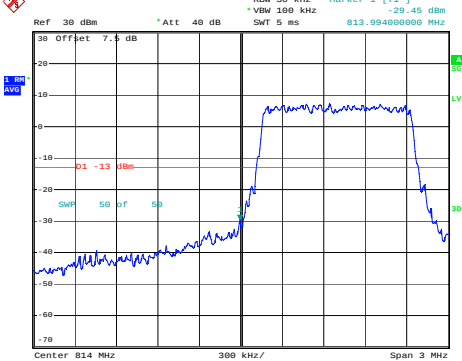
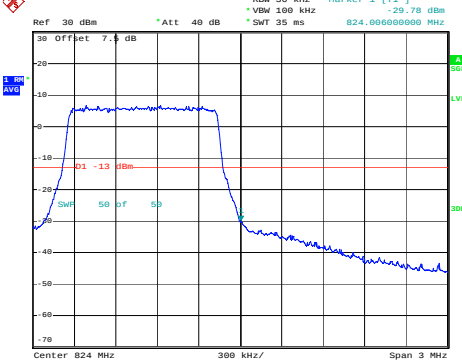
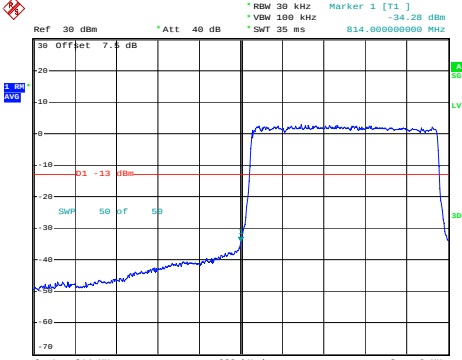
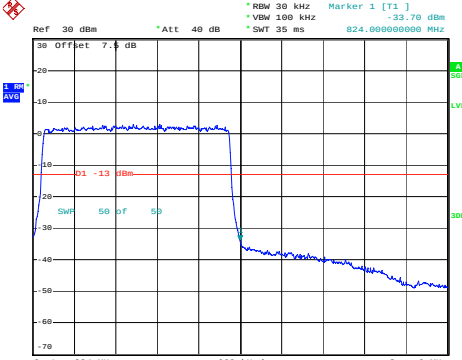
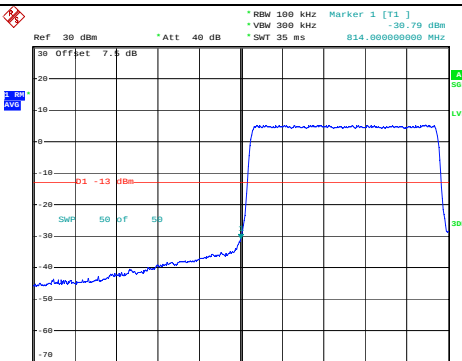
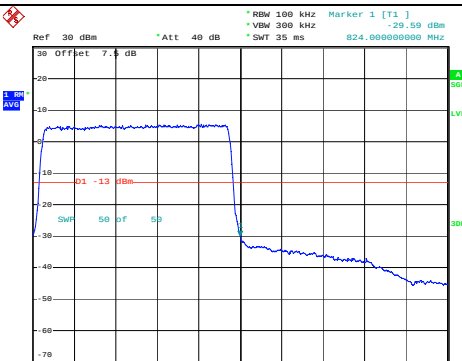
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
16QAM 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:44:22	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:49:08
16QAM 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:50:17	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:51:28
16QAM 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:52:24	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:53:23

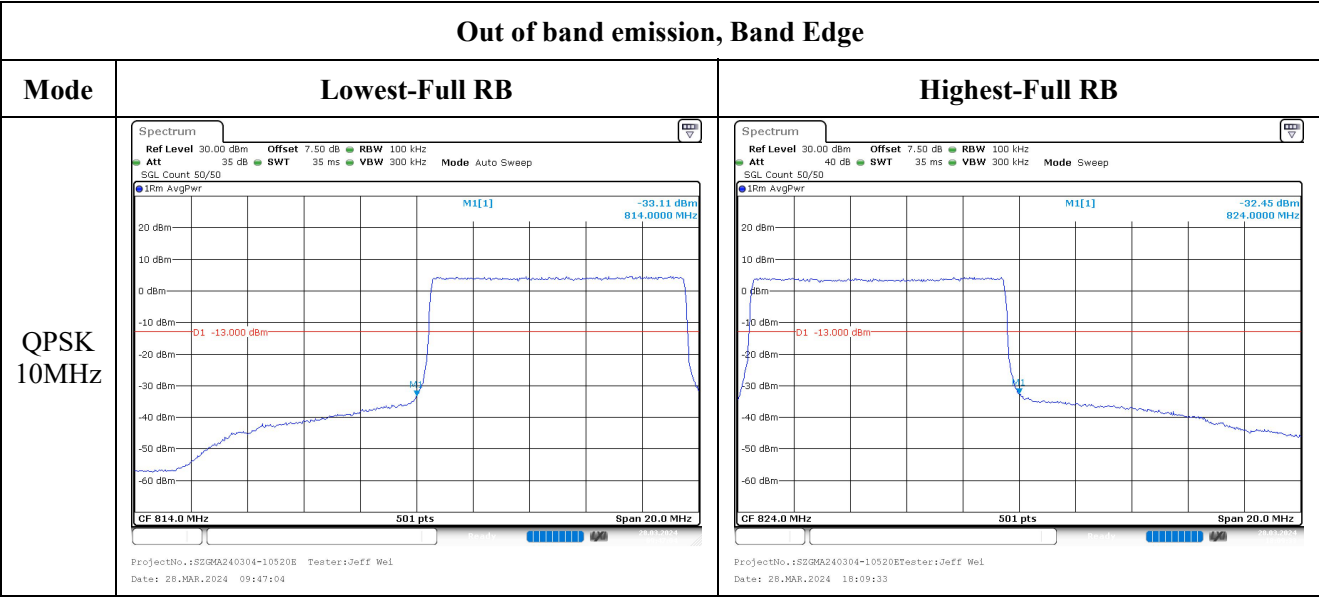
Out of band emission, Band Edge

Mode	Lowest-RB 1#0	Highest-RB 1#Max
16QAM 10MHz	 Ref 30 dBm *Att 40 dB *RBW 100 kHz Marker 1 [T1] -24.31 dBm *VBW 300 kHz *SWT 35 ms 824.000000000 MHz Center 824 MHz 2 MHz/ Span 20 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:54:18	 Ref 30 dBm *Att 40 dB *RBW 100 kHz Marker 1 [T1] -23.47 dBm *VBW 300 kHz *SWT 35 ms 849.000000000 MHz Center 849 MHz 2 MHz/ Span 20 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:55:15
16QAM 15MHz	 Ref 30 dBm *Att 40 dB *RBW 300 kHz Marker 1 [T1] -13.18 dBm *VBW 1 MHz *SWT 35 ms 824.000000000 MHz Center 824 MHz 3 MHz/ Span 30 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 10:56:15	 Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB VBW 1 MHz Mode Sweep 501 Count 50/50 1Rm AvgPwr CF 849.0 MHz 501 pts Span 30.0 MHz ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 30.MAR.2024 14:15:22

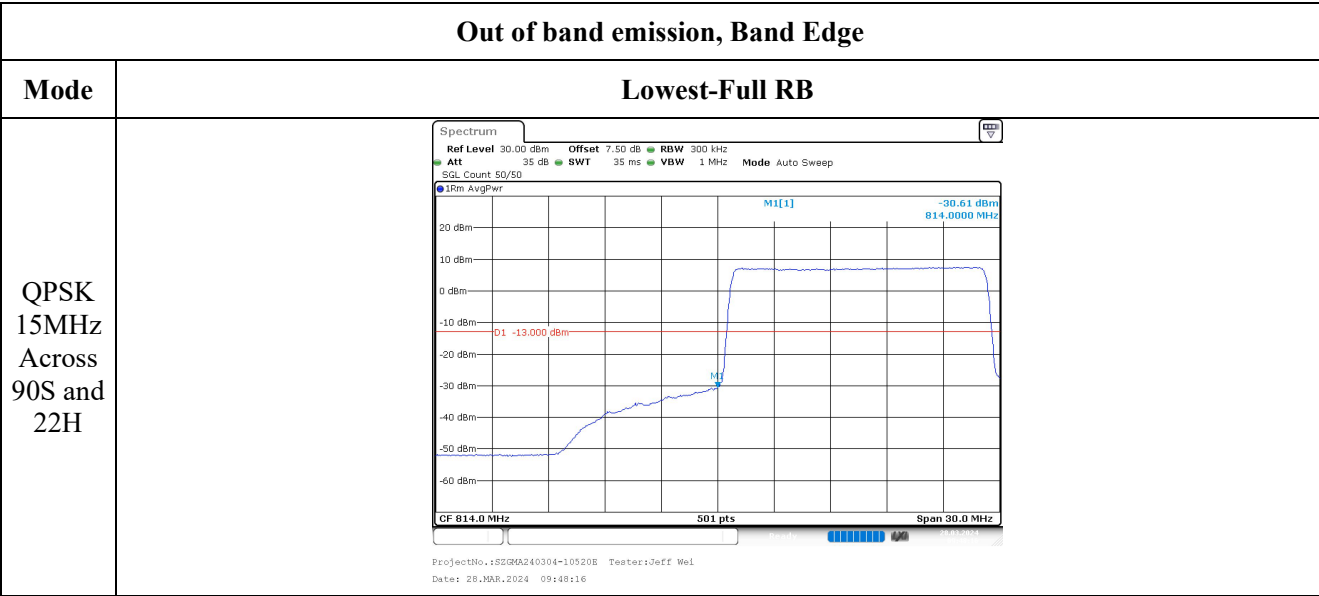
814-824MHz:

Out of band emission, Band Edge		
Mode	Lowest-Full RB	Highest-Full RB
QPSK 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:30:27	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:30:44
QPSK 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:03	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:21
QPSK 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:41	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:32:00

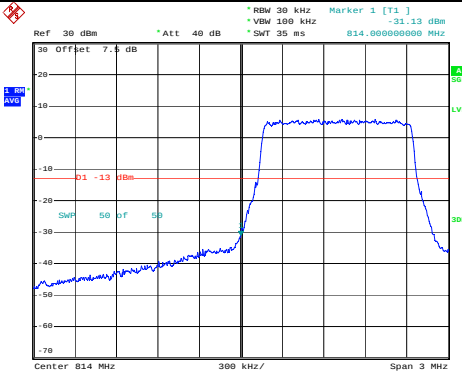
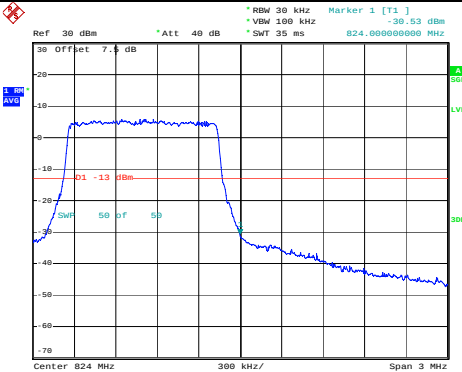
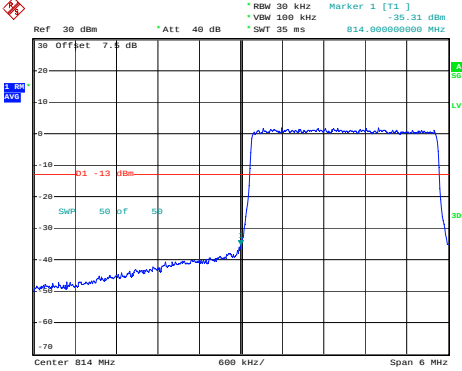
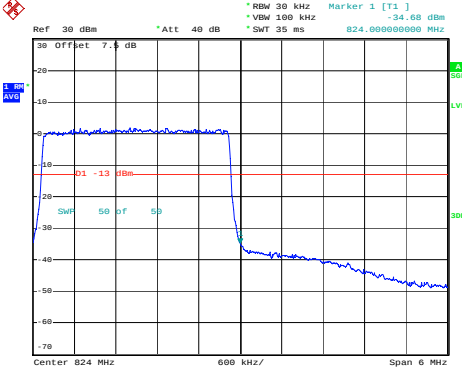
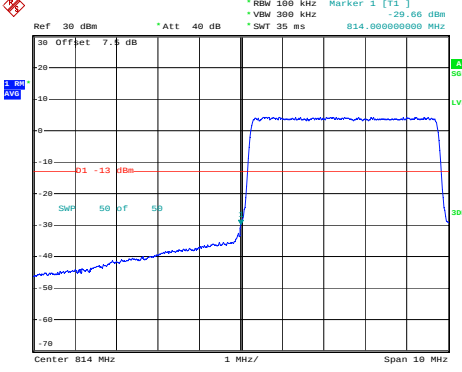
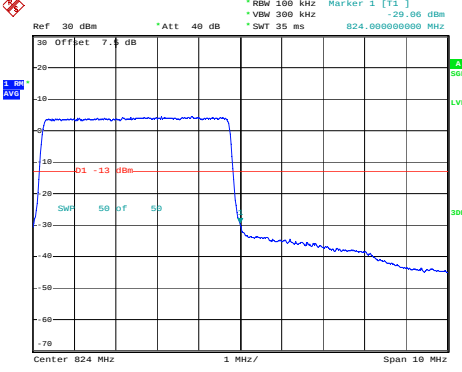
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest-Full RB	Highest-Full RB
16QAM 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:30:35	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:30:52
16QAM 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:12	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:29
16QAM 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:31:51	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 12:32:09

Out of band emission, Band Edge

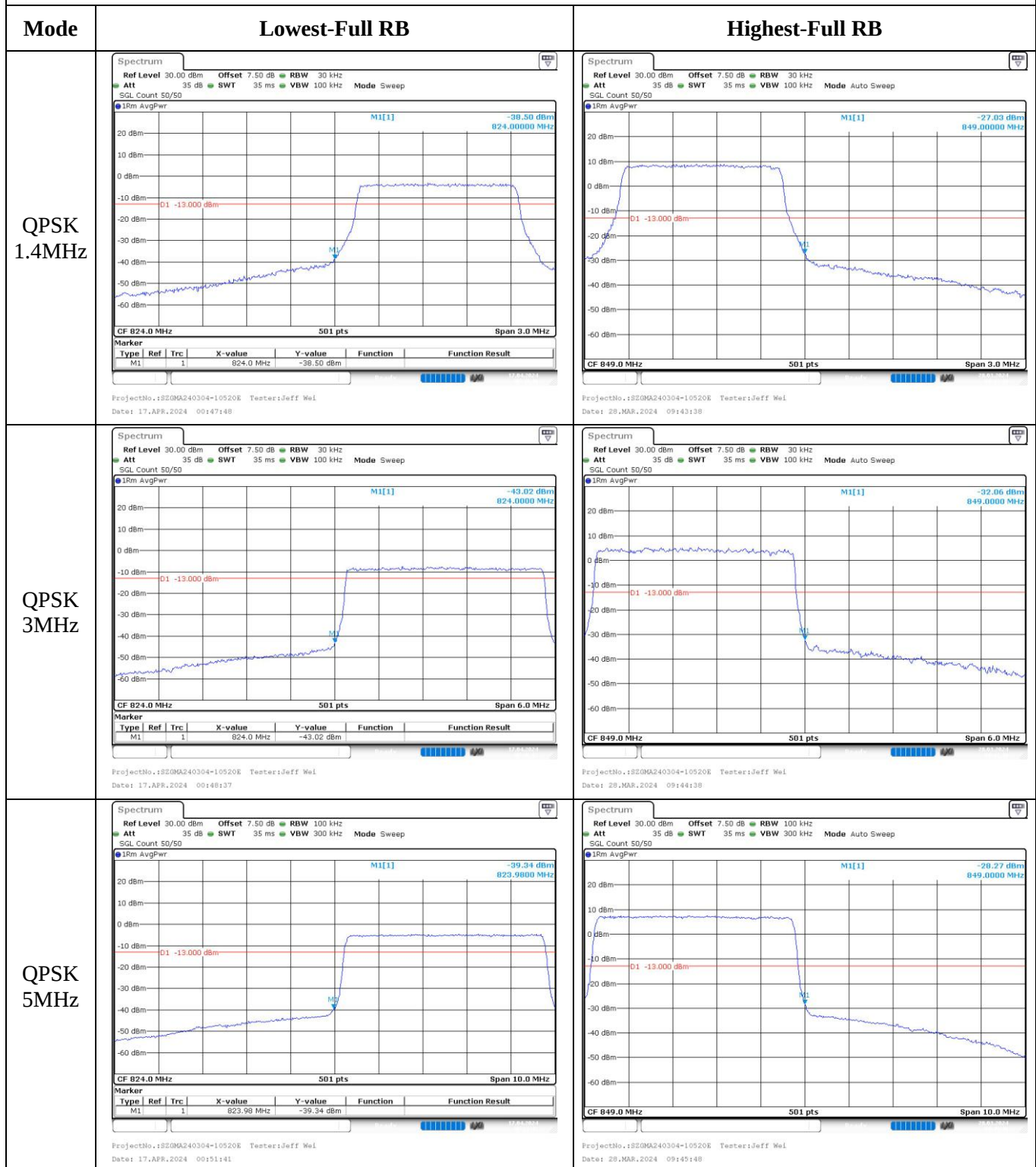


Out of band emission, Band Edge

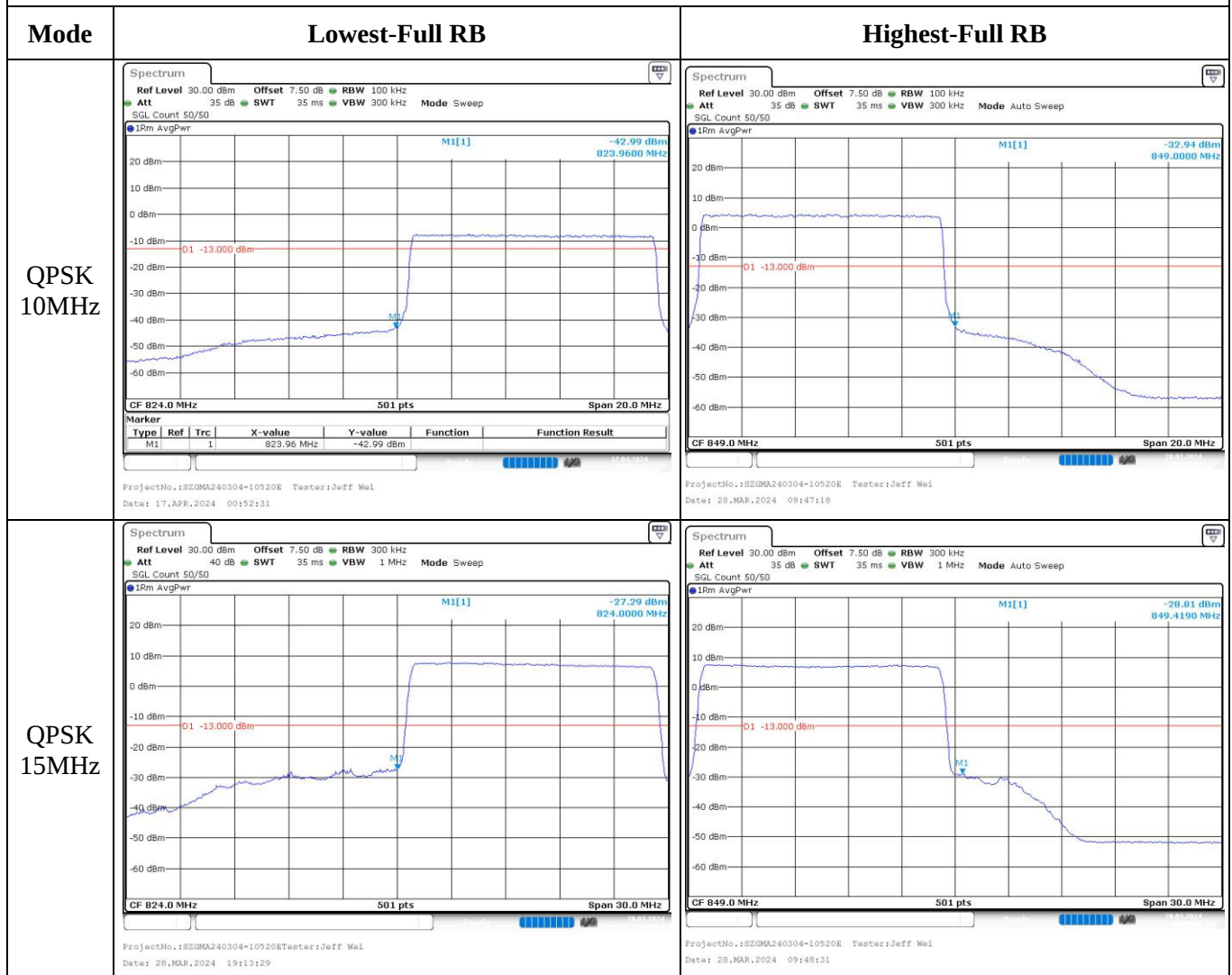


824-849MHz:

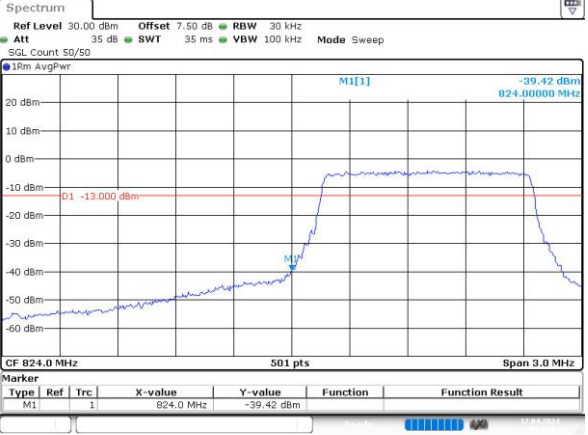
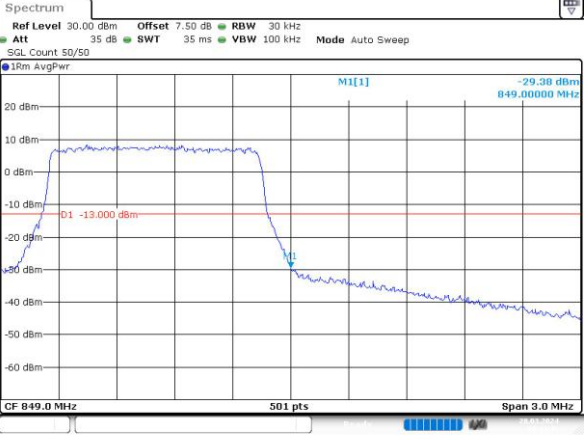
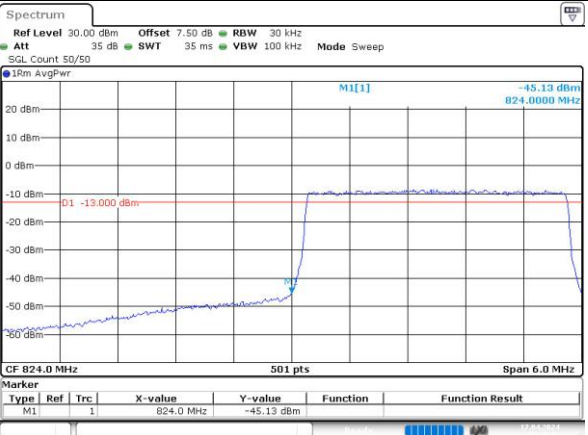
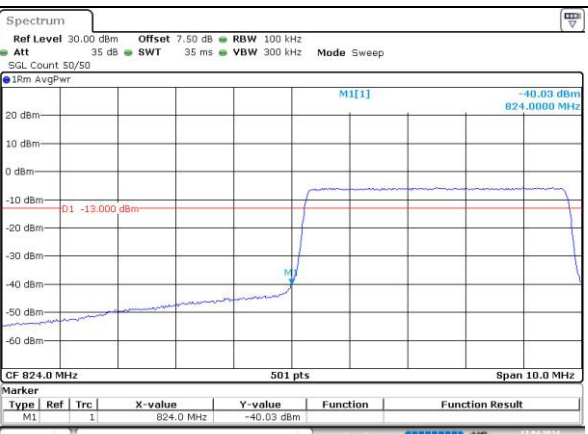
Out of band emission, Band Edge



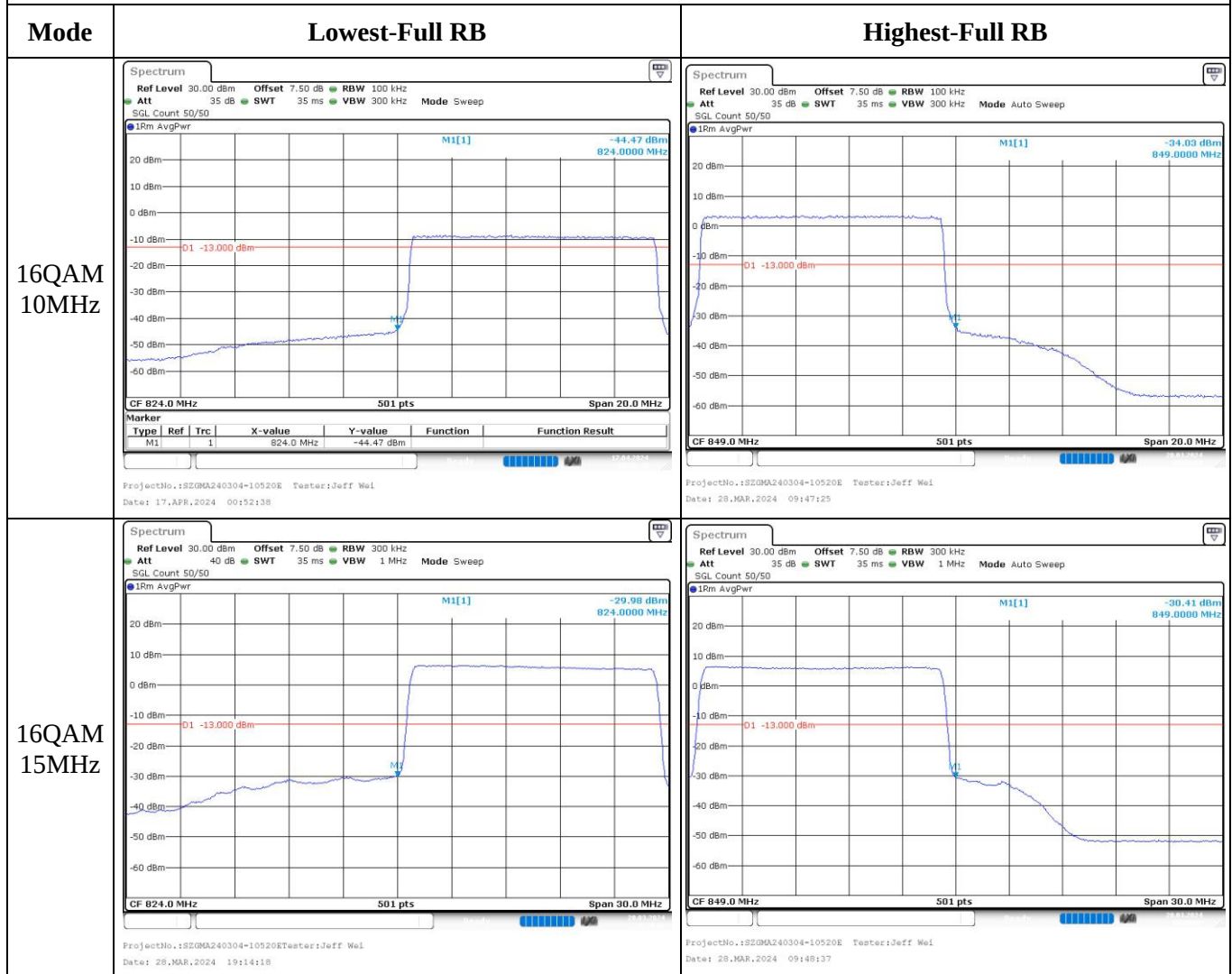
Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest-Full RB	Highest-Full RB
16QAM 1.4MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 00:47:14	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 09:43:44
16QAM 3MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 00:48:43	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 09:44:44
16QAM 5MHz	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 17.APR.2024 00:51:47	 ProjectNo.:SZGMA240304-10520E Tester:Jeff Wei Date: 28.MAR.2024 09:45:14

Out of band emission, Band Edge



5.13 Antenna Port Test Data and Results for LTE Band 41

Serial Number:	2I92-2	Test Date:	2024/3/27~2024/4/29
Test Site:	RF	Test Mode:	Transmitting
Tester:	Jeff Wei,Karl Liang	Test Result:	Pass

Environmental Conditions:			
Temperature: (°C)	24.7~27.2	49~72	100.2~101.2

Test Equipment List and Details:					
Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
R&S	Spectrum Analyzer	FSV40	101461	2023/11/27	2024/11/26
Micro-Coax	Coaxial Cable	UFA210A	94089550	2023/9/1	2024/8/31
Minl-Clruids	Coaxial Power Splitters & Combiner	ZFRSC-183-S+	SF448201614	2024/2/25	2025/2/24
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17
BACL	TEMP&HUMI Test Chamber	BTH-150-40	30173	2023/10/18	2024/10/17
All-sun	Clamp Meter	EM305A	8348897	2023/8/3	2024/8/2
TDK-Lambda	DC Power Supply	Z+60-14	F-08-EM038-1	N/A	N/A
* Statement of Traceability: Bay Area Compliance Laboratories Corp. (Dongguan) attests that all calibrations have been performed, traceable to National Primary Standards and International System of Units (SI).					

Test Frequency For Each Mode:			
Operation Bandwidth	Lowest Frequency (MHz)	Middle Frequency (MHz)	Highest Frequency (MHz)
5MHz	2498.5	2593	2687.5
10MHz	2501	2593	2685
15MHz	2503.5	2593	2682.5
20MHz	2506	2593	2680

Test Data:**FCC §2.1046; § 27.50(h)(2)****RF Output Power:**

Test Bandwidth & Modulation	Resource Block & RB offset	Conducted Average Output Power(dBm)			Maximum EIRP (dBm)	EIRP Limit (dBm)
		Lowest Channel	Middle Channel	Highest Channel		
5MHz QPSK	RB1#0	21.82	21.82	21.56	21.49	33
	RB1#13	21.92	21.92	21.65		
	RB1#24	21.85	21.79	21.52		
	RB15#0	20.84	20.89	20.65		
	RB15#10	20.85	20.88	20.65		
	RB25#0	20.84	20.88	20.66		
5MHz 16QAM	RB1#0	21.02	20.83	20.65	20.71	33
	RB1#13	21.14	20.9	20.74		
	RB1#24	21.05	20.8	20.61		
	RB15#0	19.86	19.85	19.68		
	RB15#10	19.88	19.84	19.73		
	RB25#0	19.81	19.81	19.7		
10MHz QPSK	RB1#0	21.93	21.91	21.72	21.79	33
	RB1#25	22.22	22.12	21.95		
	RB1#49	21.96	21.82	21.64		
	RB25#0	20.9	20.92	20.7		
	RB25#25	20.95	20.85	20.74		
	RB50#0	20.89	20.96	20.72		
10MHz 16QAM	RB1#0	20.98	21.1	20.7	20.89	33
	RB1#25	21.28	21.32	20.86		
	RB1#49	20.99	21.02	20.6		
	RB25#0	19.9	19.92	19.75		
	RB25#25	19.98	19.89	19.81		
	RB50#0	19.92	19.93	19.72		
15MHz QPSK	RB1#0	21.86	21.87	21.7	21.54	33
	RB1#38	21.97	21.9	21.67		
	RB1#74	21.86	21.76	21.54		
	RB36#0	20.9	20.97	20.67		
	RB36#39	20.98	21.02	20.65		
	RB75#0	20.96	20.96	20.67		
15MHz 16QAM	RB1#0	21.05	21.06	20.61	20.7	33
	RB1#38	21.13	21.08	20.63		
	RB1#74	21	20.91	20.51		
	RB36#0	19.89	19.89	19.62		
	RB36#39	19.97	19.87	19.62		
	RB75#0	19.92	19.86	19.65		
20MHz QPSK	RB1#0	21.79	21.72	21.51	21.79	33
	RB1#50	22.22	22.13	21.9		
	RB1#99	21.78	21.64	21.33		

20MHz 16QAM	RB50#0	20.84	20.89	20.65	20.98	33
	RB50#50	20.96	20.93	20.69		
	RB100#0	20.92	20.96	20.7		
	RB1#0	20.98	20.81	20.45		
	RB1#50	21.41	21.2	20.93		
	RB1#99	21	20.71	20.39		
	RB50#0	19.83	19.89	19.72		
	RB50#50	19.97	19.91	19.78		
	RB100#0	19.93	19.89	19.72		

Note: EIRP=Conducted Power(dBm) - Lc(dB) + G_T(dBi)

Result: **Pass**

Peak-to-average Ratio(PAR)

Test Bandwidth & Modulation	Resource Block & RB offset	Peak-to-average Ratio(dB)			Limit (dB)
		Lowest Channel	Middle Channel	Highest Channel	
20MHz QPSK	RB1#0	9.3	8.87	9.3	13
	RB100#0	8.49	8.52	8.67	13
20MHz 16QAM	RB1#0	10.17	9.77	9.97	13
	RB100#0	9.97	10.03	10.14	13
Result:					Pass

FCC §2.1049, §27.53:Occupied Bandwidth

Operation Mode	99% Occupied Bandwidth (MHz)			26 dB Occupied Bandwidth (MHz)		
	Low Channel	Middle channel	High Channel	Low Channel	Middle Channel	High Channel
5MHz QPSK	4.511	4.491	4.491	4.88	4.92	4.96
5MHz 16QAM	4.491	4.511	4.491	4.94	4.94	4.92
10MHz QPSK	8.942	8.942	8.942	9.6	9.8	9.68
10MHz 16QAM	8.942	8.942	8.942	9.84	9.6	9.56
15MHz QPSK	13.473	13.473	13.593	14.7	16.14	14.82
15MHz 16QAM	13.593	13.533	13.473	15.12	15.18	14.76
20MHz QPSK	17.964	17.964	17.964	19.28	19.28	19.28
20MHz 16QAM	17.964	17.964	17.964	19.36	19.52	19.44

Note: The test plots please refer to the Plots of Occupied Bandwidth

FCC §2.1051, §27.53:Spurious Emissions at Antenna Terminal

Result:	Pass, Test was performed at RB1#0, please refer to the test plots of Spurious Emissions at Antenna Terminal.
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FCC §2.1051, §27.53:Out of band emission, Band Edge

Result:	Pass, Please refer to the test plots of Out of band emission, Band Edge.
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FCC §2.1055, §27.54: Frequency Stability						
Test Mode:	20M QPSK	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	2497.034	2496.00	2689.004	2690
	-20	3.85	2497.049	2496.00	2689.019	2690
	-10	3.85	2497.052	2496.00	2689.019	2690
	0	3.85	2497.031	2496.00	2689.007	2690
	10	3.85	2497.049	2496.00	2689.013	2690
	20	3.85	2497.058	2496.00	2689.022	2690
	30	3.85	2497.064	2496.00	2689.028	2690
	40	3.85	2497.064	2496.00	2689.037	2690
	50	3.85	2497.064	2496.00	2689.049	2690
Frequency Stability vs. Voltage	20	3.6	2497.079	2496.00	2689.040	2690
	20	4.4	2497.070	2496.00	2689.034	2690
					Result:	Pass

Test Mode:	20M 16QAM	Test Channel: Lowest for Lower Edge,Highest for Upper Edge				
Test Item	Temperature (°C)	Voltage (V _{DC})	Lower Edge (MHz)		Upper Edge (MHz)	
			Result	Limit	Result	Limit
Frequency Stability vs. Temperature	-30	3.85	2497.034	2496.00	2689.010	2690
	-20	3.85	2497.031	2496.00	2689.013	2690
	-10	3.85	2497.043	2496.00	2688.998	2690
	0	3.85	2497.052	2496.00	2689.004	2690
	10	3.85	2497.040	2496.00	2688.998	2690
	20	3.85	2497.058	2496.00	2689.022	2690
	30	3.85	2497.061	2496.00	2689.028	2690
	40	3.85	2497.061	2496.00	2689.037	2690
	50	3.85	2497.082	2496.00	2689.034	2690
Frequency Stability vs. Voltage	20	3.6	2497.073	2496.00	2689.034	2690
	20	4.4	2497.079	2496.00	2689.031	2690
					Result:	Pass

Test Plots:

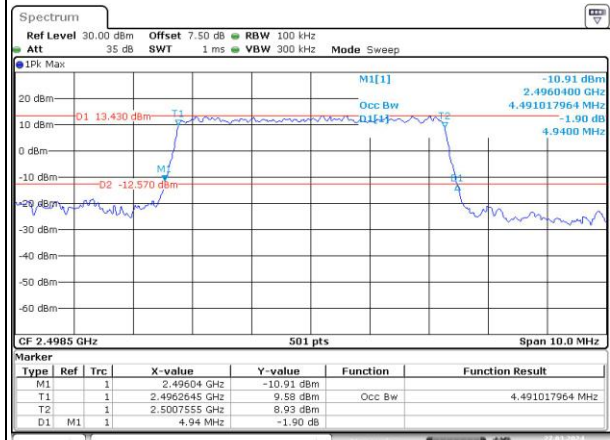
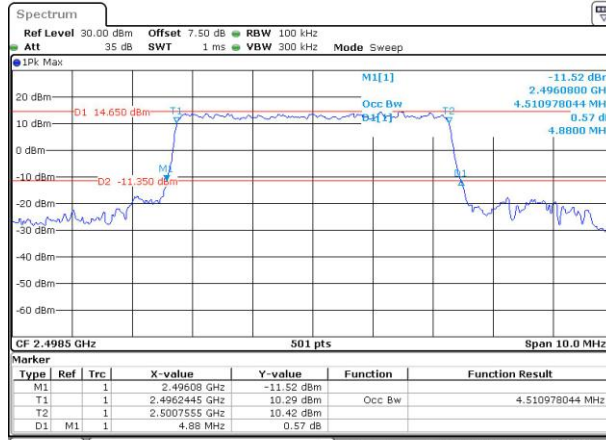
Occupied Bandwidth

Channel

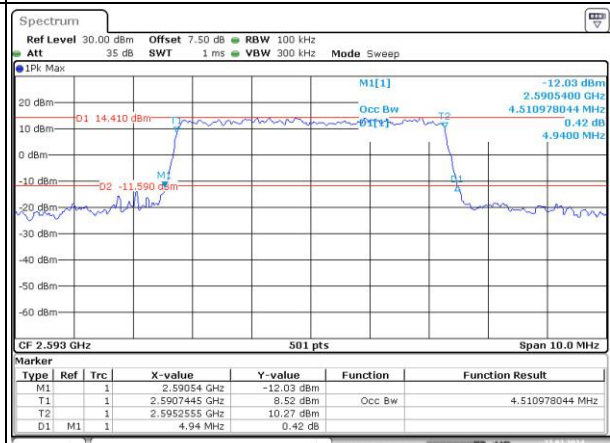
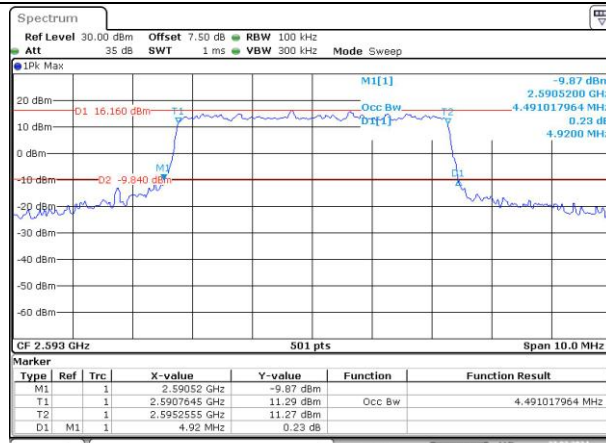
5MHz Bandwidth QPSK

5MHz Bandwidth 16QAM

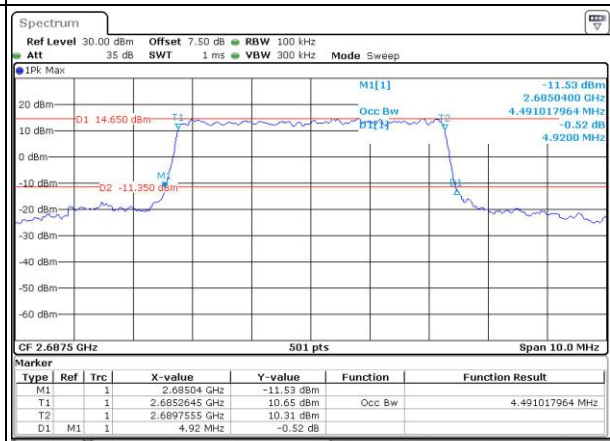
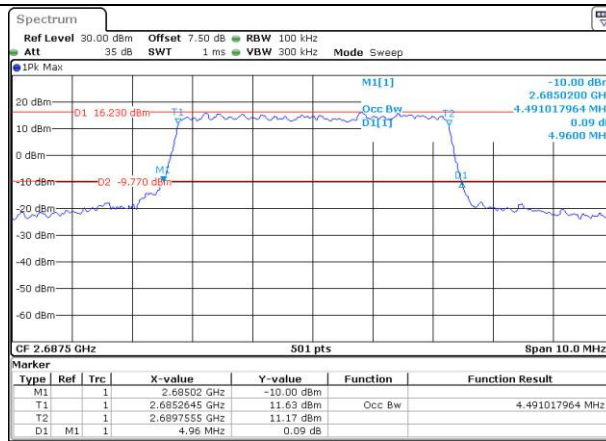
Lowest



Middle



Highest



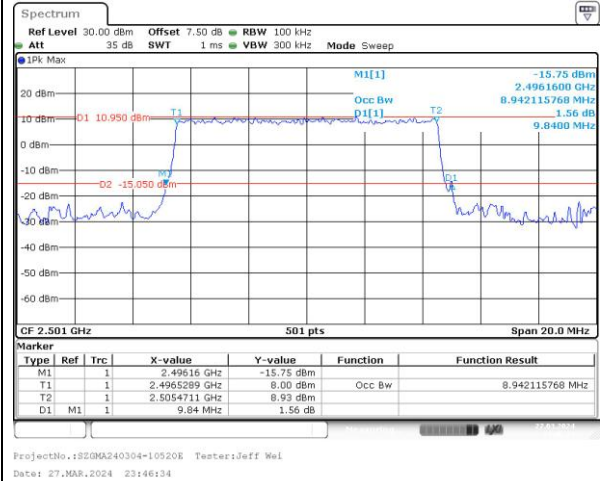
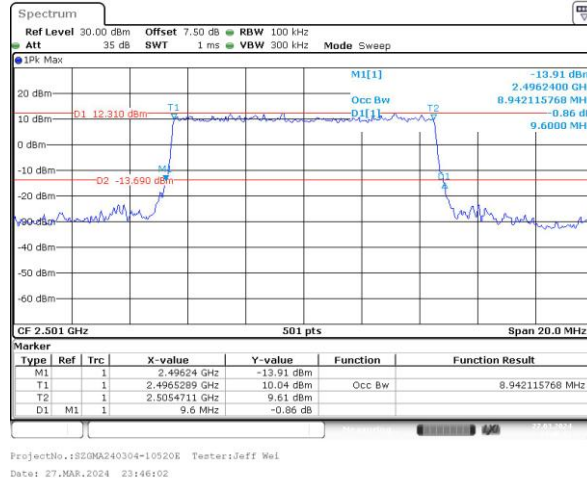
Occupied Bandwidth

Channel

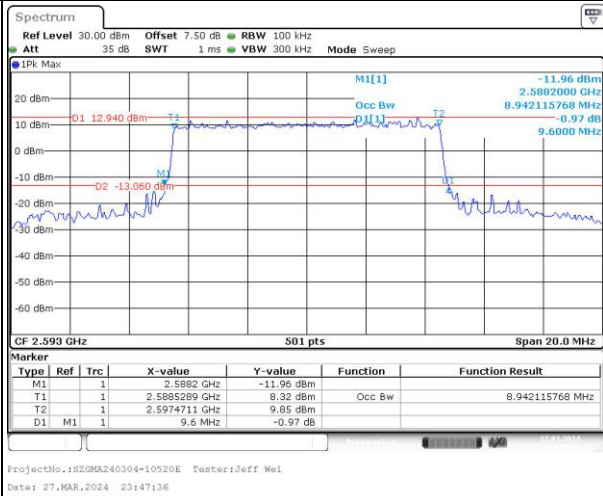
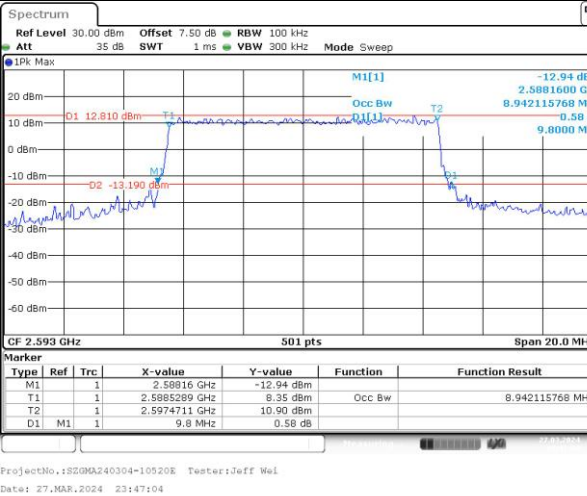
10MHz Bandwidth QPSK

10MHz Bandwidth 16QAM

Lowest



Middle



Highest

