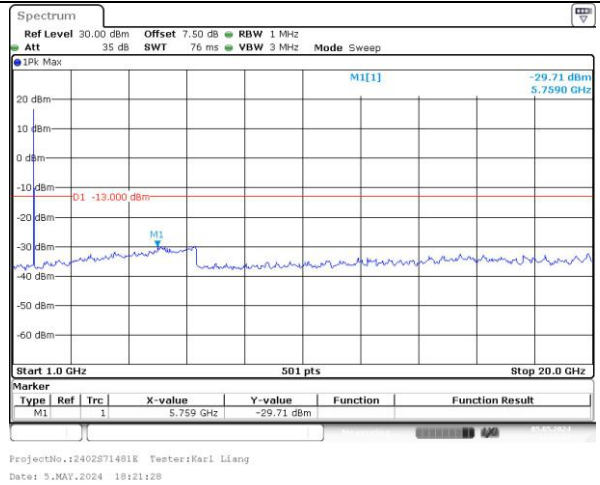
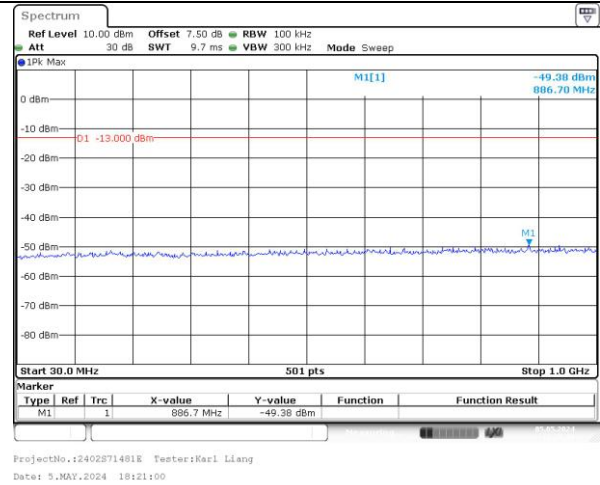


Spurious Emissions at Antenna Terminal

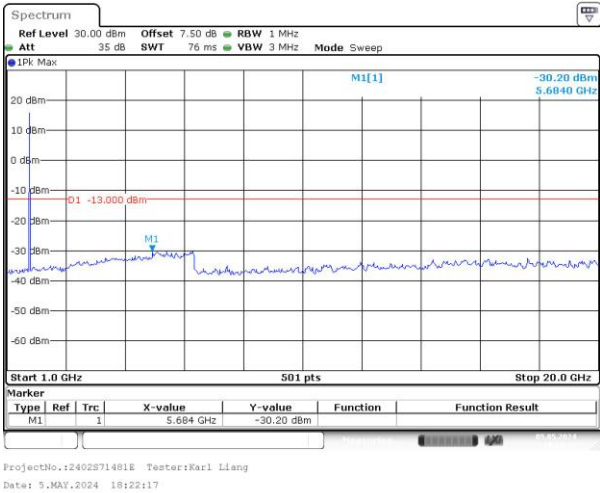
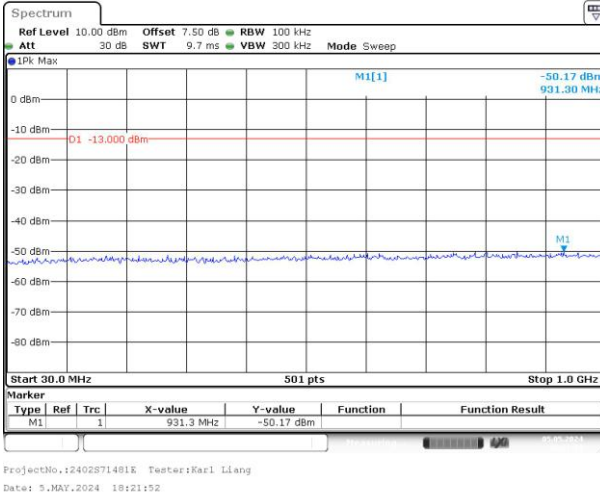
Channel

1.4MHz Bandwidth QPSK

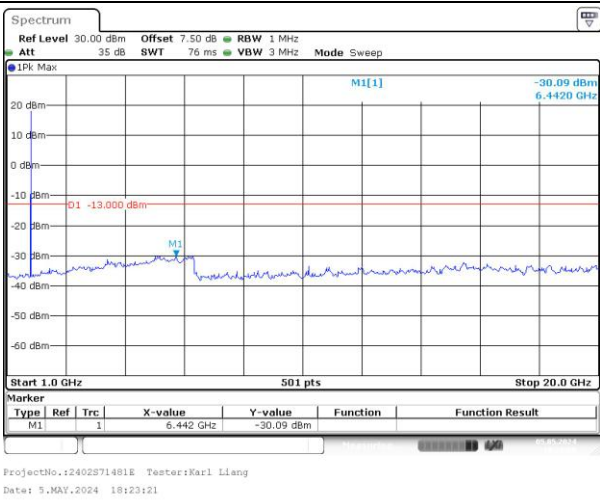
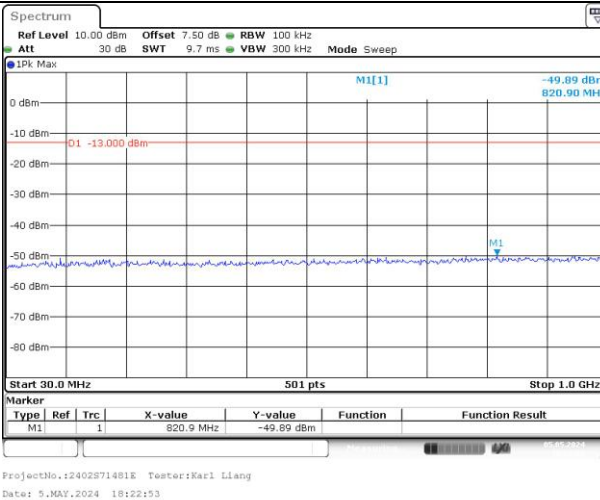
Lowest



Middle



Highest

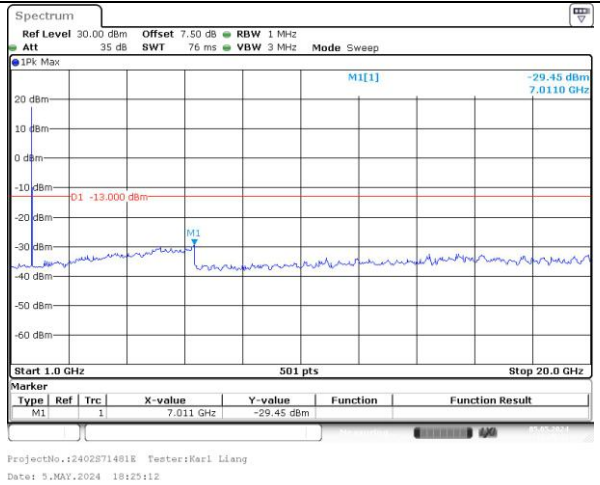
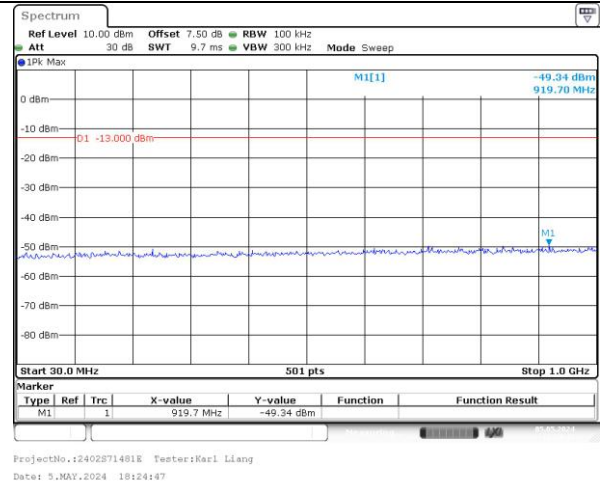


Spurious Emissions at Antenna Terminal

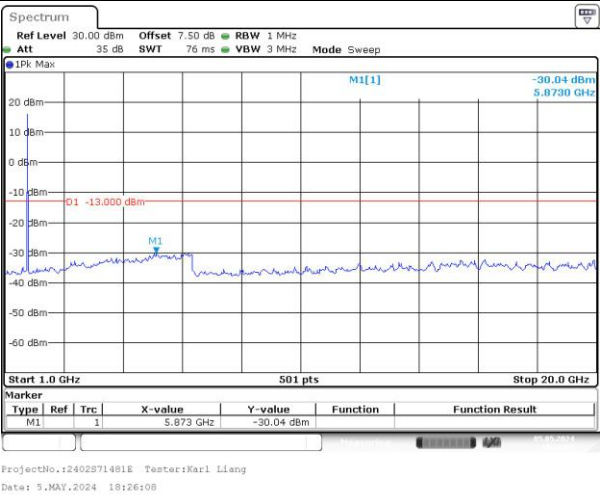
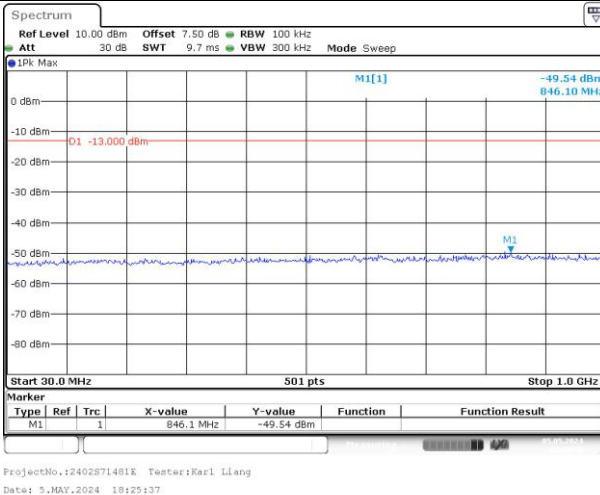
Channel

3MHz Bandwidth QPSK

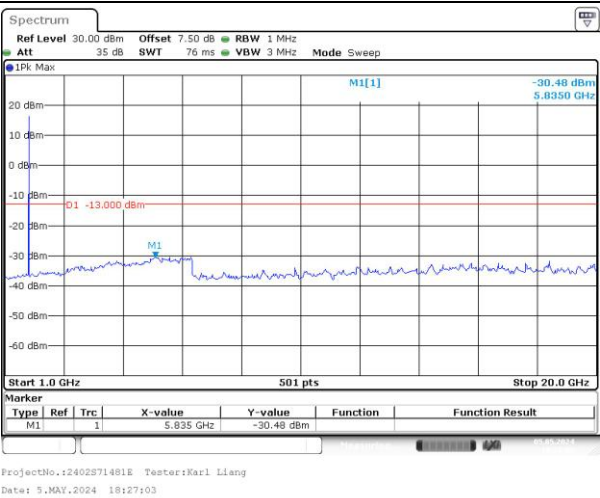
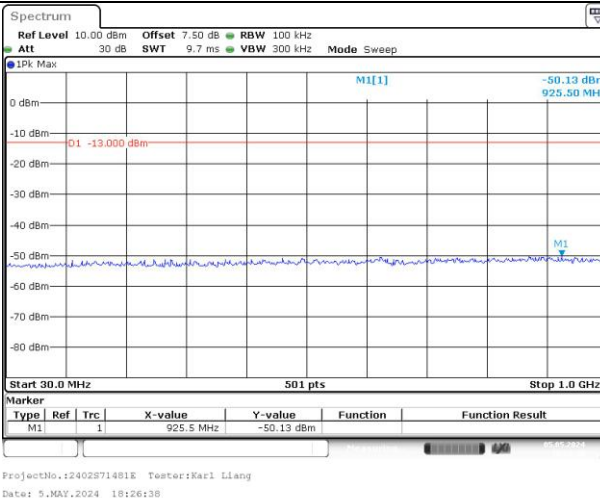
Lowest



Middle



Highest

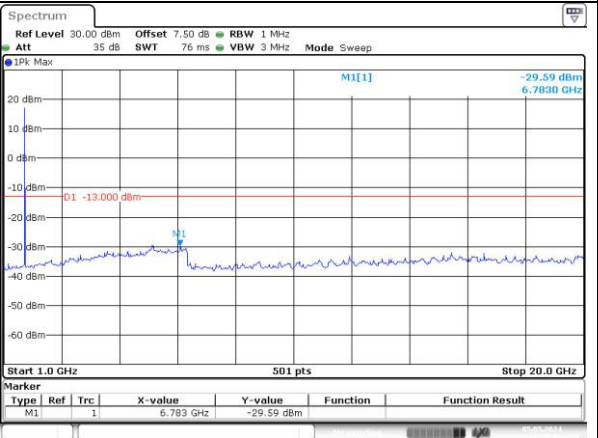
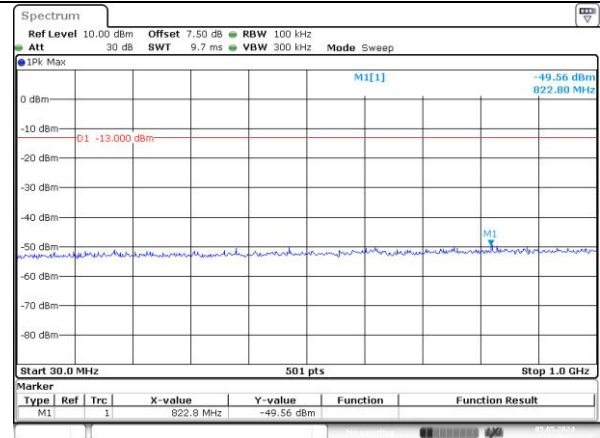


Spurious Emissions at Antenna Terminal

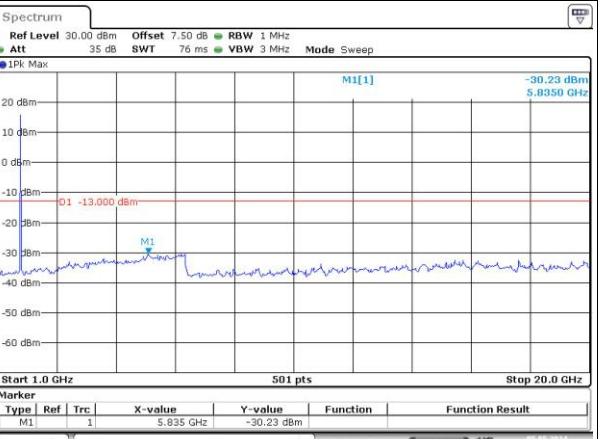
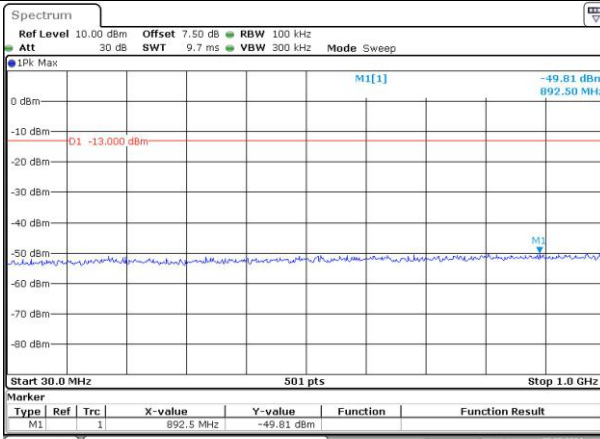
Channel

5MHz Bandwidth QPSK

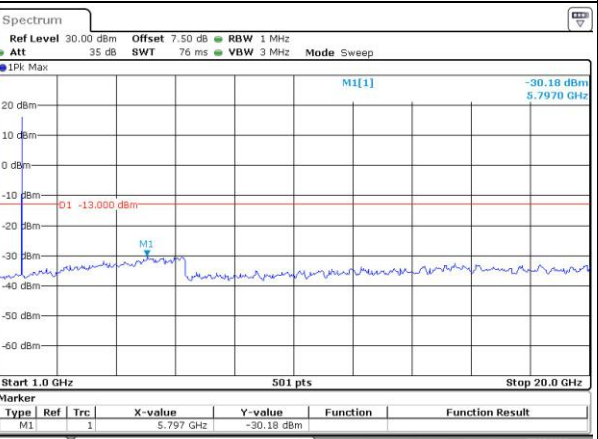
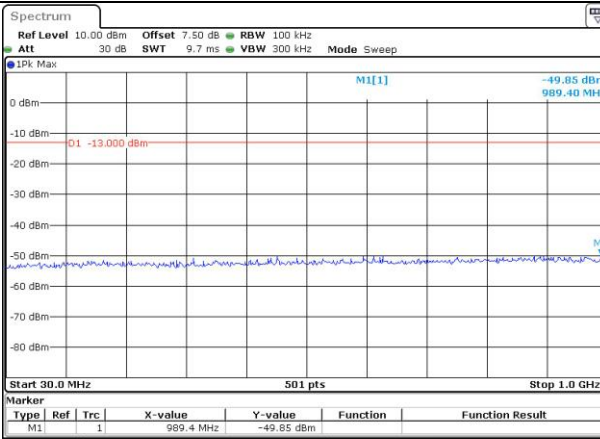
Lowest



Middle



Highest

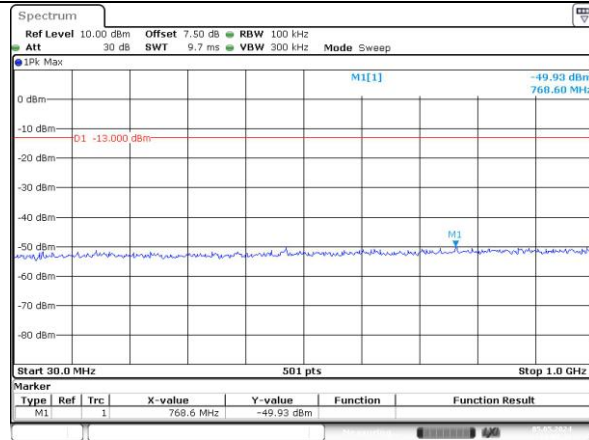


Spurious Emissions at Antenna Terminal

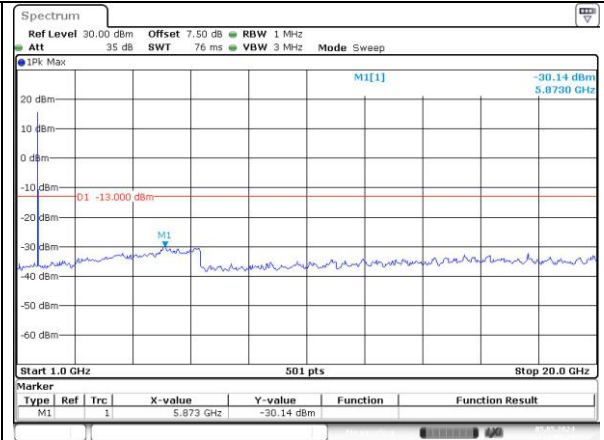
Channel

10MHz Bandwidth QPSK

Lowest

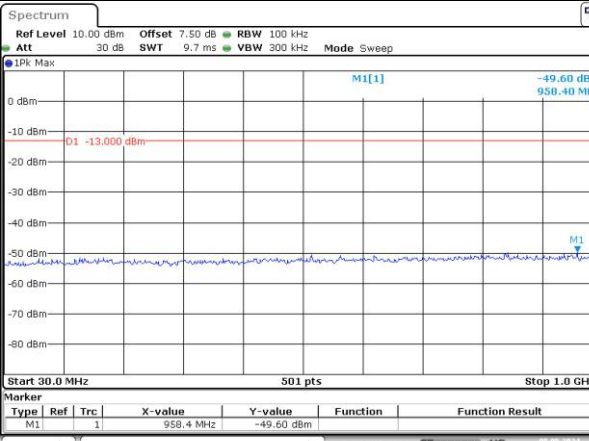


ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:04:11

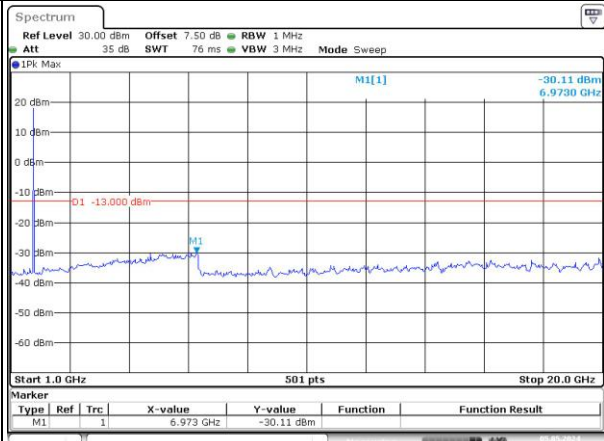


ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:04:29

Middle

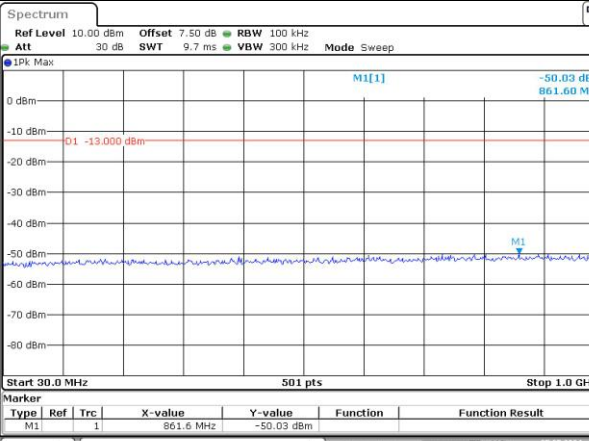


ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:04:56

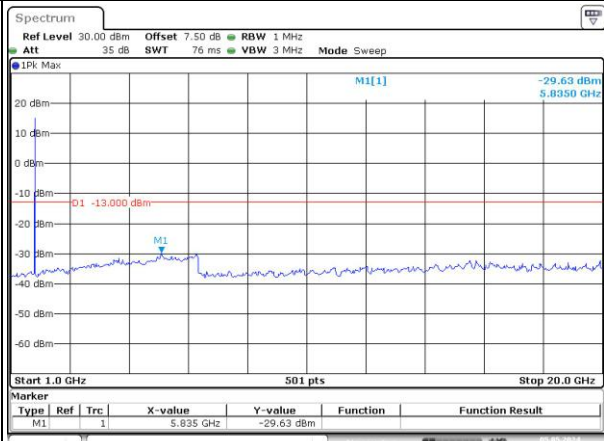


ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:05:21

Highest



ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:05:47



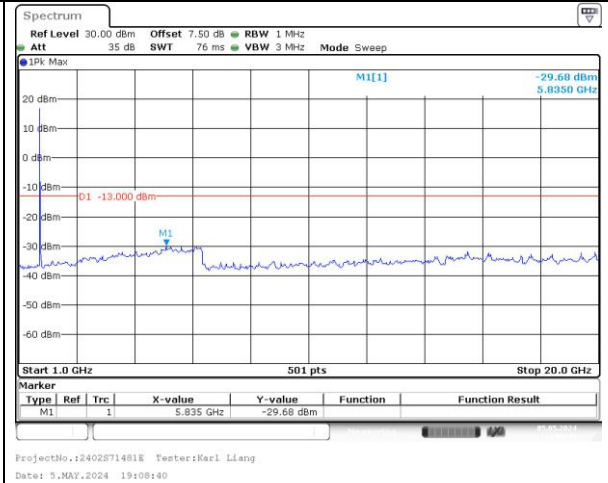
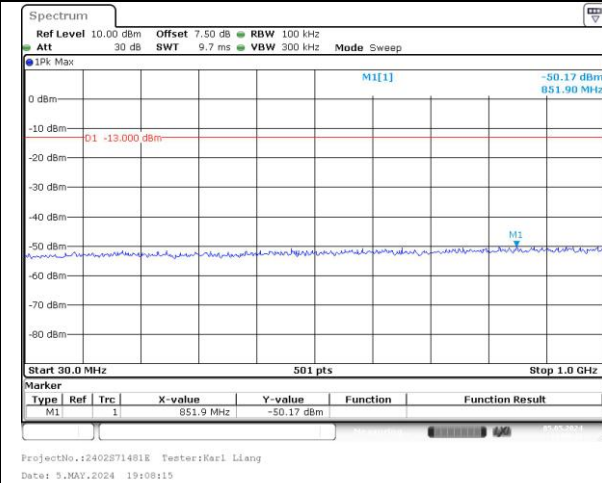
ProjectNo.:2402S71481E Tester:Karl Liang
Date: 5.MAY.2024 19:06:12

Spurious Emissions at Antenna Terminal

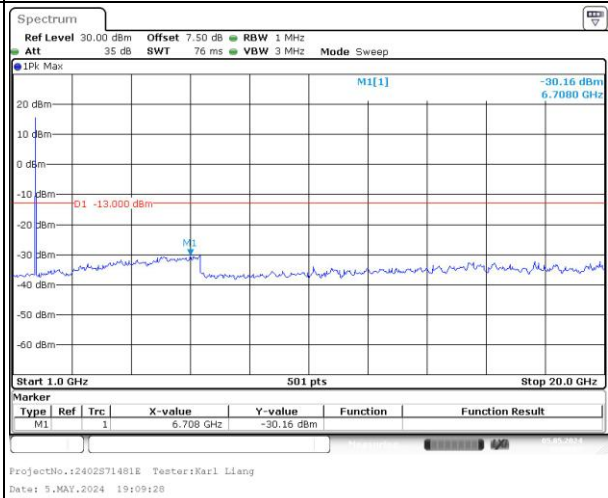
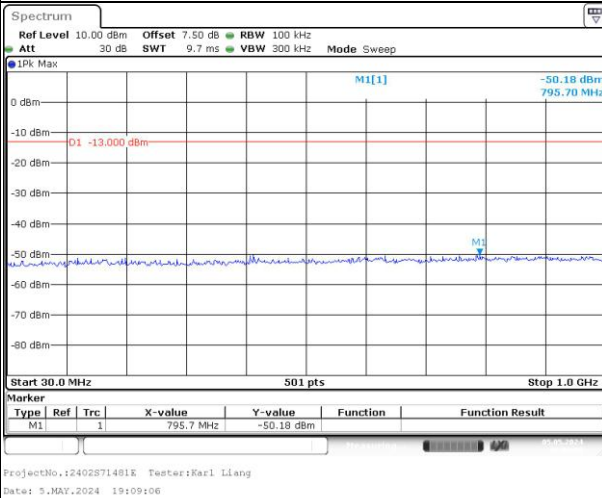
Channel

15MHz Bandwidth QPSK

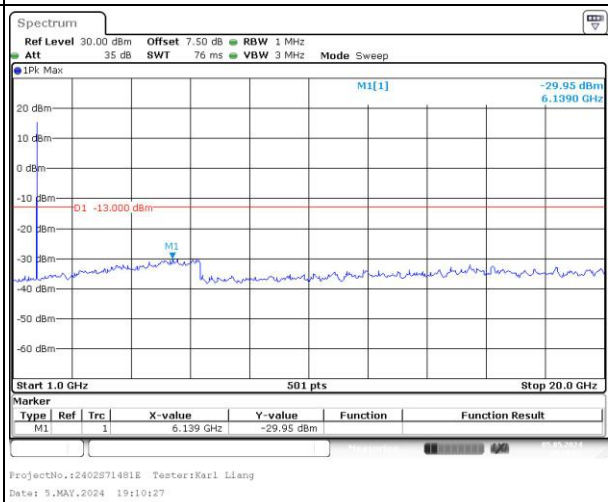
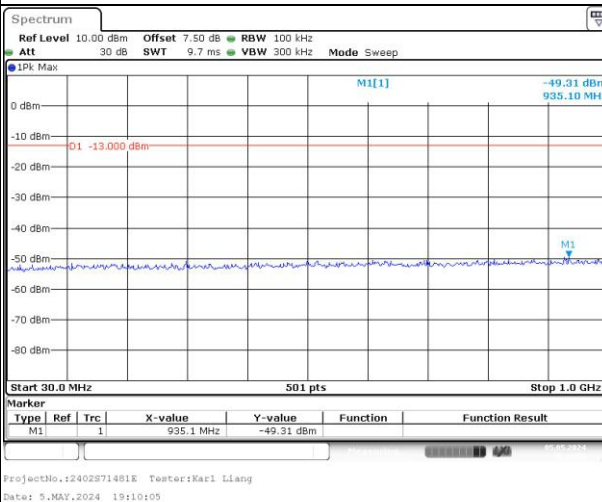
Lowest



Middle



Highest

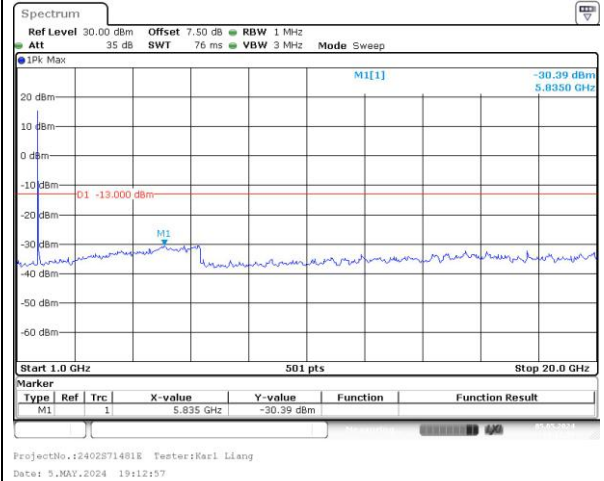
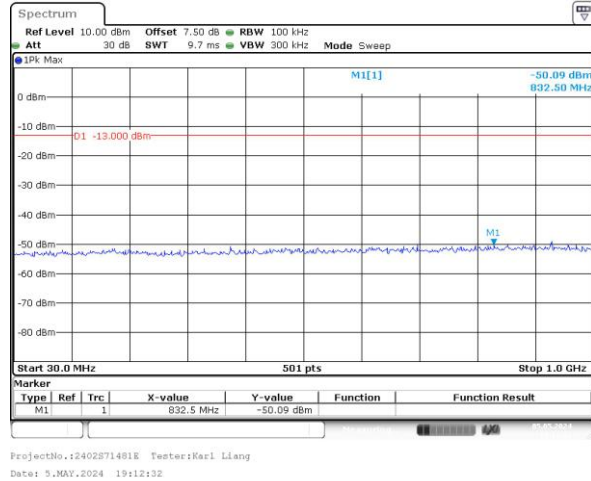


Spurious Emissions at Antenna Terminal

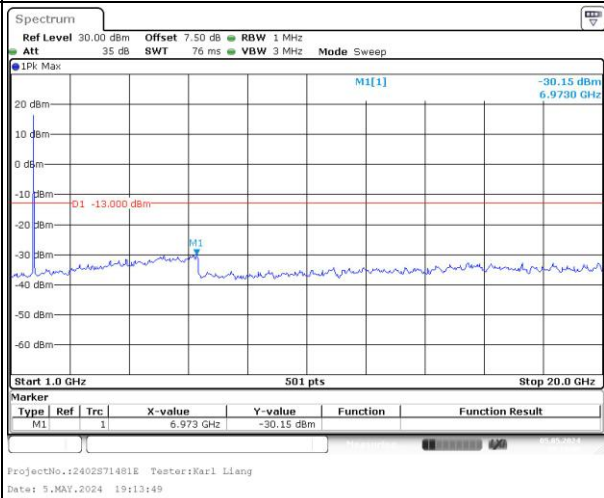
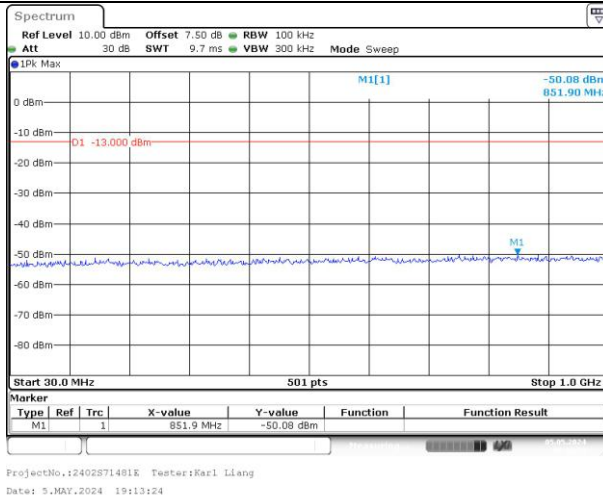
Channel

20MHz Bandwidth QPSK

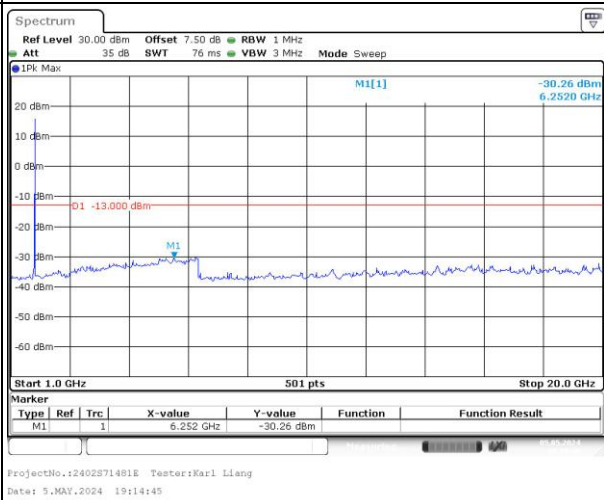
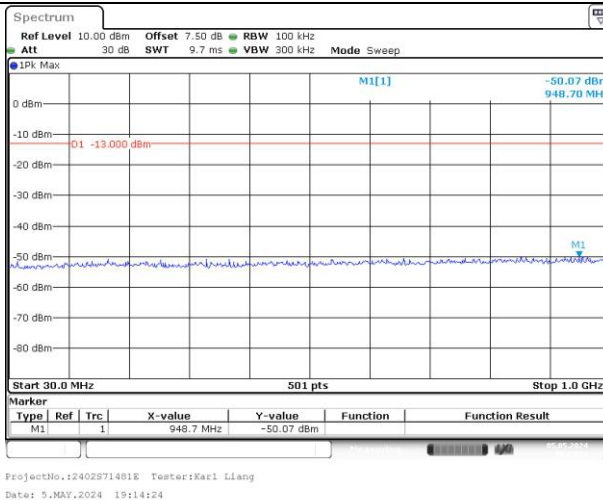
Lowest



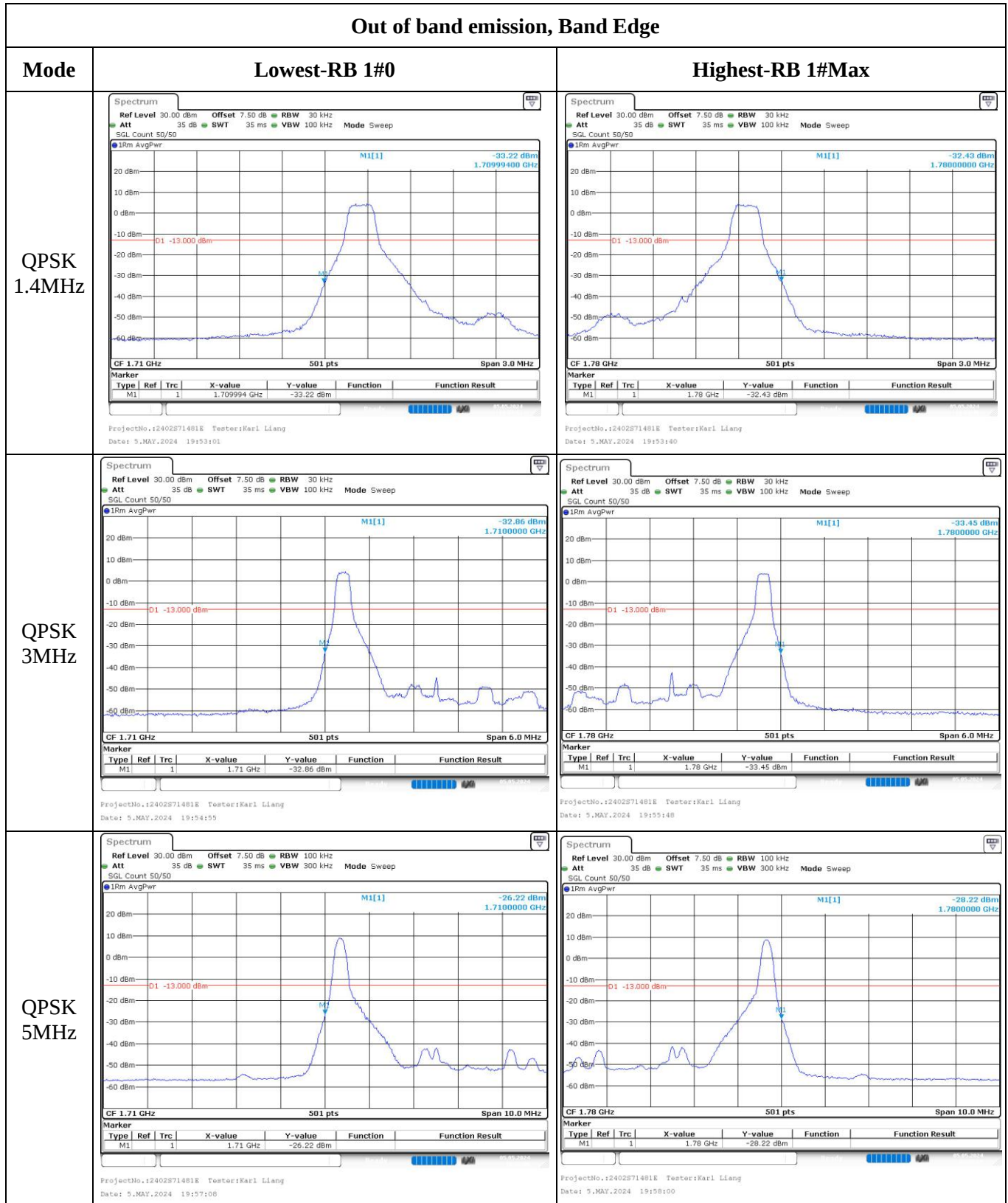
Middle



Highest



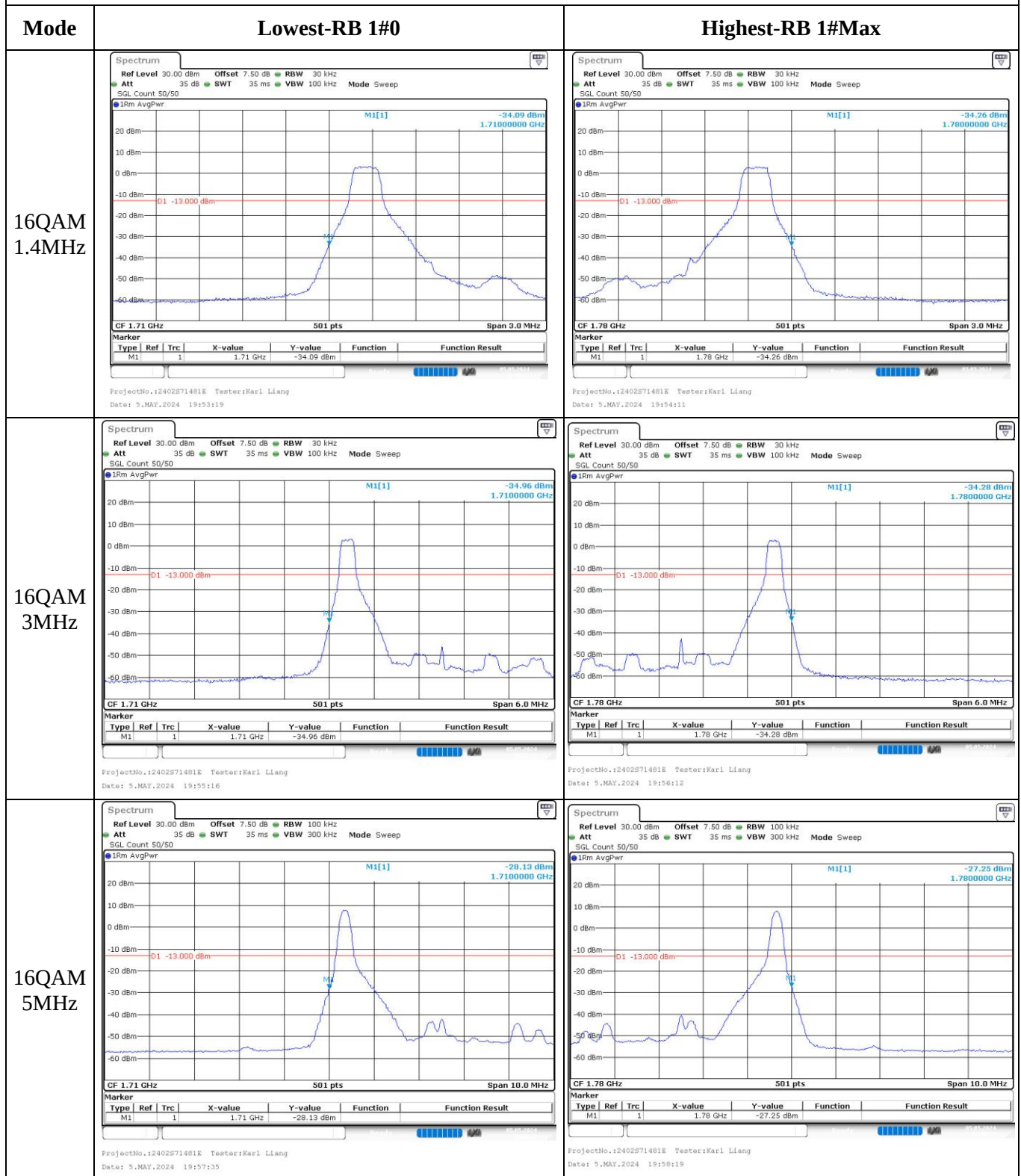
Out of band emission, Band Edge



Out of band emission, Band Edge

Mode	Lowest-RB 1#0		Highest-RB 1#Max																																	
QPSK 10MHz	Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.71 GHz 501 pts Span 20.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.71 GHz</td><td>-34.73 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 19:59:09		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.71 GHz	-34.73 dBm			Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 100 kHz Att 35 dB SWT 35 ms VBW 300 kHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.78 GHz 501 pts Span 20.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.78 GHz</td><td>-33.72 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 19:59:11		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.78 GHz	-33.72 dBm		
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																												
M1			1	1.71 GHz	-34.73 dBm																															
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																													
M1			1	1.78 GHz	-33.72 dBm																															
QPSK 15MHz	Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.71 GHz 501 pts Span 30.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.71 GHz</td><td>-31.22 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 20:00:14		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.71 GHz	-31.22 dBm			Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.78 GHz 501 pts Span 30.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.78 GHz</td><td>-31.13 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 20:01:19		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.78 GHz	-31.13 dBm		
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																												
M1			1	1.71 GHz	-31.22 dBm																															
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																													
M1			1	1.78 GHz	-31.13 dBm																															
QPSK 20MHz	Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.71 GHz 501 pts Span 40.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.71 GHz</td><td>-35.60 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 20:03:14		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.71 GHz	-35.60 dBm			Spectrum Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep SQL Count 50/50 1Rm AvgPwr CF 1.78 GHz 501 pts Span 40.0 MHz <table><tr><th>Marker</th><th>Type</th><th>Ref</th><th>Trc</th><th>X-value</th><th>Y-value</th><th>Function</th><th>Function Result</th></tr><tr><td>M1</td><td></td><td></td><td>1</td><td>1.78 GHz</td><td>-35.00 dBm</td><td></td><td></td></tr></table> ProjectNo.:2402S71481E Tester:Karl Liang Date: 5.MAY.2024 20:04:23		Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result	M1			1	1.78 GHz	-35.00 dBm		
	Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																												
M1			1	1.71 GHz	-35.60 dBm																															
Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result																													
M1			1	1.78 GHz	-35.00 dBm																															

Out of band emission, Band Edge



Highest-RB 1#Max

Spectrum Analyzer Settings:

- Ref Level: 30.00 dBm
- Att: 35 dB
- Offset: 7.50 dB
- RBW: 100 kHz
- Mode: Sweep
- SWT: 35 ms
- VBW: 300 kHz
- SQL Count: 50/50

Marker Data:

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	1.78 GHz	-34.74 dBm		

Spectrum

Ref Level 30.00 dBm Offset 7.50 dB RBW 300 kHz
 Att 35 dB SWT 35 ms VBW 1 MHz Mode Sweep

SGL Count 50/50

1Rm AvgPwr

M1[1] -32.09 dBm
 1.780000 GHz

D1 -13.000 dBm

CF 1.78 GHz 501 pts Span 30.0 MHz

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	1.78 GHz	-32.09 dBm		

ProjectNo.:2402871481E Tester:Karl Liang
 Date: 5.MAY.2024 20:02:12

Spectrum Analyzer Settings:

- Ref Level: 30.00 dBm
- Offset: 7.50 dB
- RBW: 300 kHz
- Att: 35 dB
- SWT: 35 ms
- VBW: 1 MHz
- Mode: Sweep
- SGL Count: 50/50
- 1Rm AvgPwr

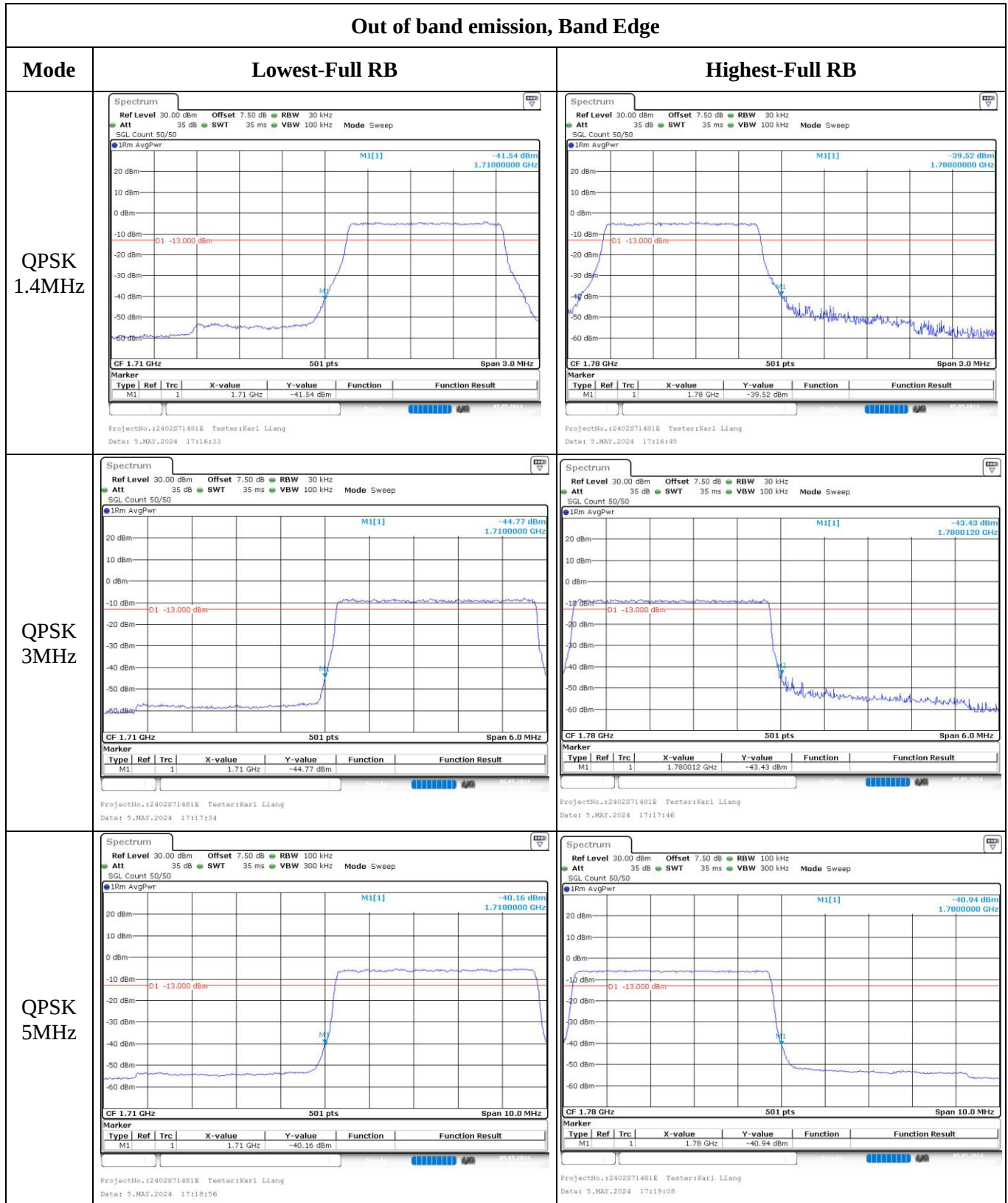
Marker Data:

Marker	Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1			1	1.78 GHz	-35.57 dBm		

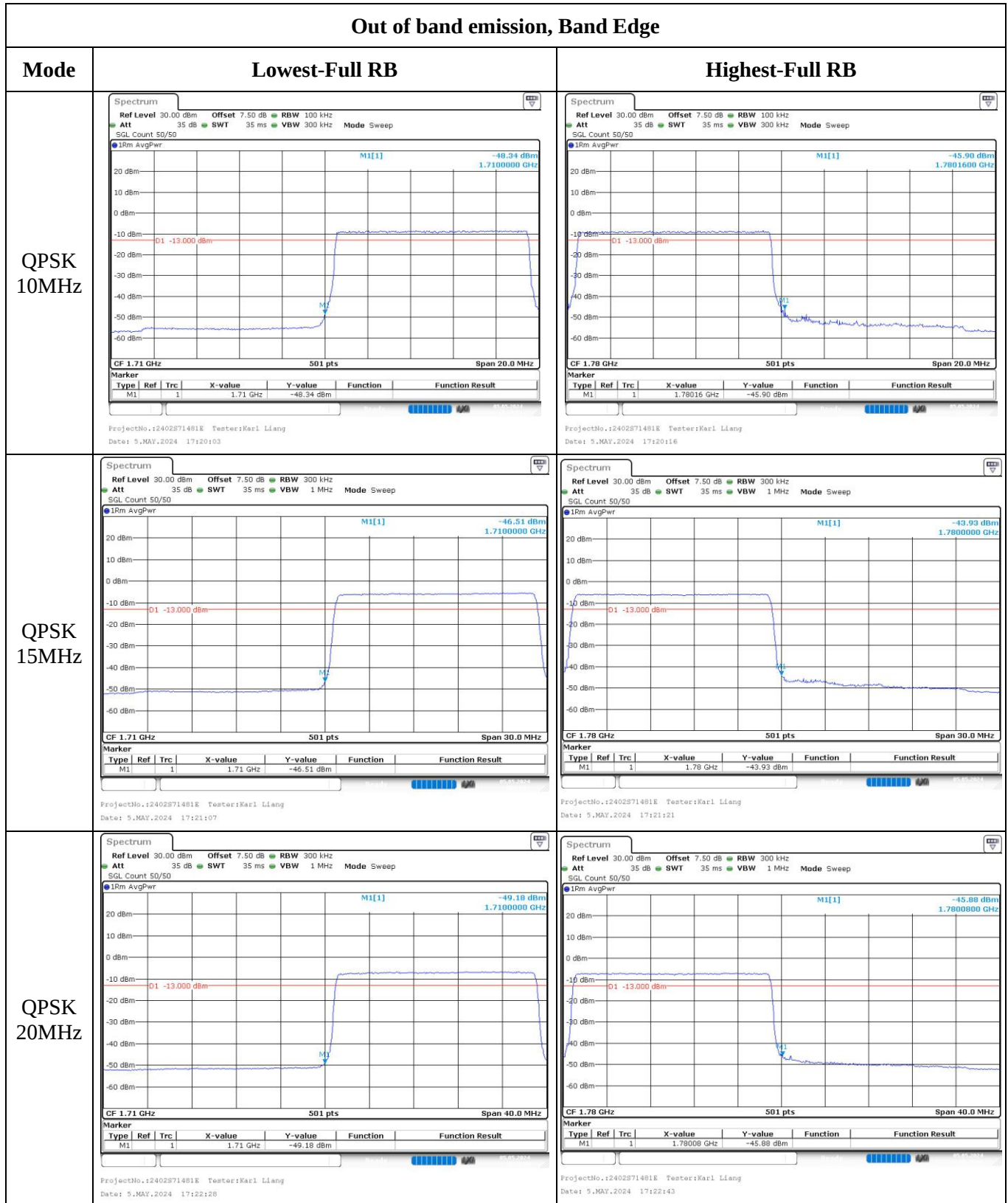
Plot Details:

- CF: 1.78 GHz
- Span: 40.0 MHz
- 501 pts
- Peak 01: -13.000 dBm
- Peak M1: -35.57 dBm at 1.780000 GHz

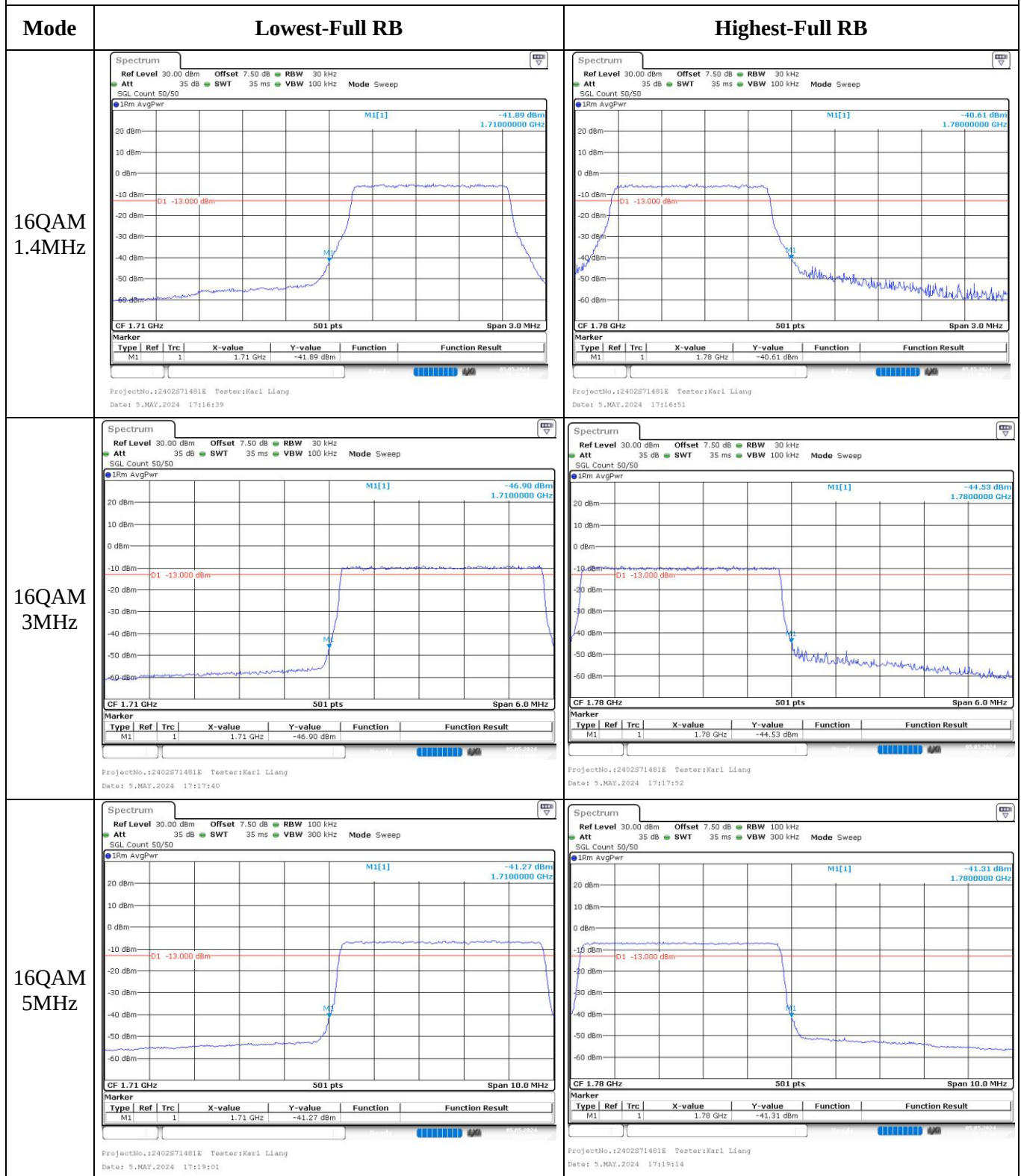
Out of band emission, Band Edge



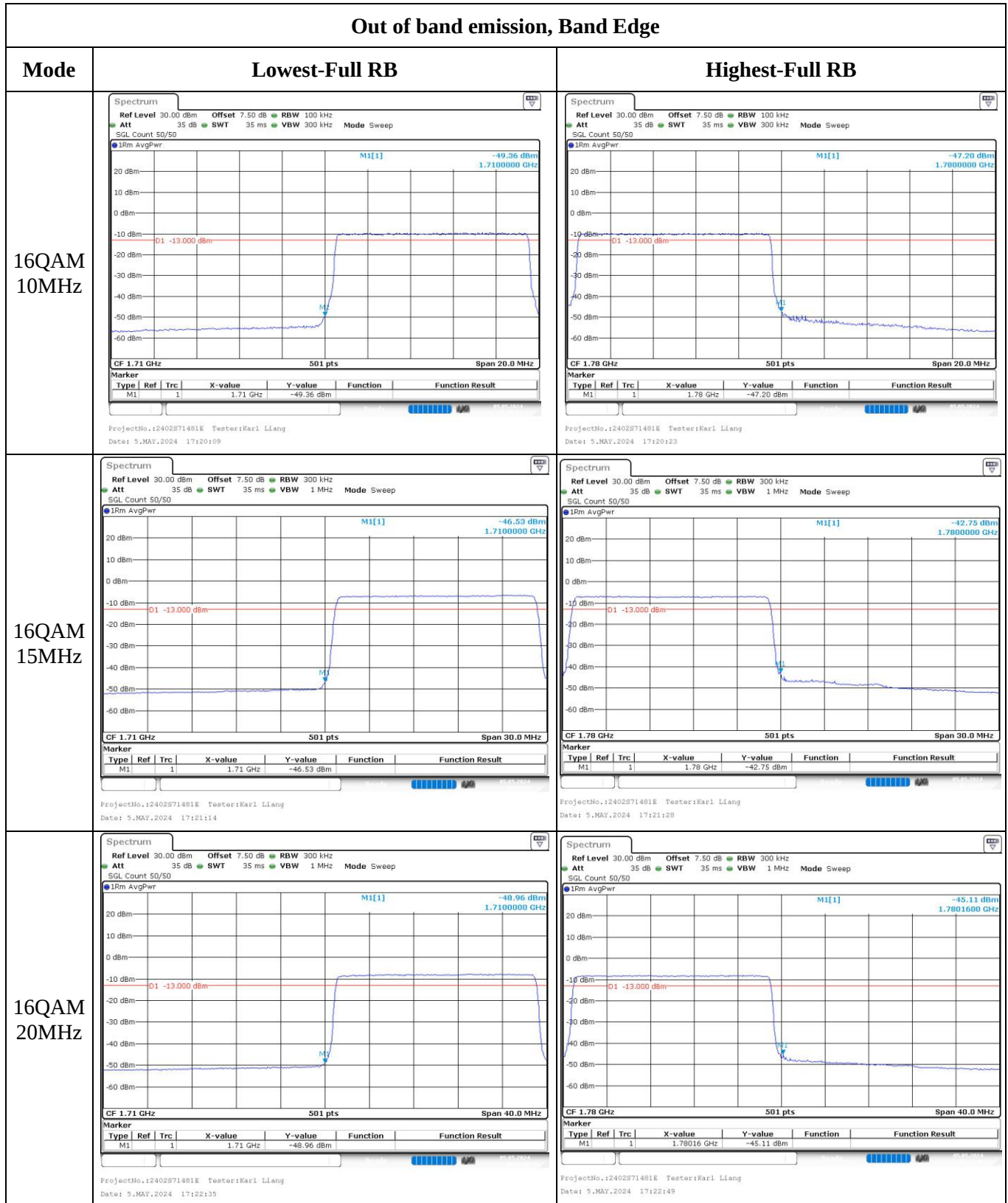
Out of band emission, Band Edge



Out of band emission, Band Edge



Out of band emission, Band Edge



5.17 Radiated Spurious Emissions

Serial Number:	OSEB119574-1	Test Date:	Below 1GHz: 2024/4/23 Above 1GHz: 2024/4/28
Test Site:	Chamber A, Chamber B	Test Mode:	Transmitting
Tester:	Alan Xie, Colin Yang, Leo Xiao	Test Result:	Pass

Environmental Conditions:

Temperature: (°C)	25.5~25.8	Relative Humidity: (%)	51~67	ATM Pressure: (kPa)	100.0~100.1
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Test Equipment List and Details:

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
30MHz~1000MHz					
Sunol Sciences	Hybrid Antenna	JB3	A060611-3	2024/1/12	2027/1/11
EMCO	Adjustable Dipole Antenna	3121C	9109-753	N/A	N/A
Wilson	Attenuator	859936	F-08-EM014	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0075-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-0400-01	2023/7/1	2024/6/30
Unknown	Coaxial Cable	C-NJNJ-50	C-1400-01	2023/7/1	2024/6/30
Sonoma	Amplifier	310N	372193	2023/7/1	2024/6/30
R&S	EMI Test Receiver	ESR3	102453	2023/8/18	2024/8/17
Unknown	Coaxial Cable	C-NJNJ-50	C-0200-02	2023/9/4	2024/9/3
Agilent	Signal Generator	E8247C	MY43321350	2023/10/18	2024/10/17
All-sun	Clamp Meter	EM305A	8348897	2023/8/3	2024/8/2
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2023/10/18	2024/10/17
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17

Manufacturer	Description	Model	Serial Number	Calibration Date	Calibration Due Date
Above 1GHz					
ETS-Lindgren	Horn Antenna	3115	000 527 35	2023/9/7	2026/9/6
AH	Horn Antenna	SAS-571	1177	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-02 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-4223-02	1007726-03 1304	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-01 1302	2023/2/22	2026/2/21
Ducommun Technologies	Horn Antenna	ARH-2823-02	1007726-02 1302	2023/2/22	2026/2/21
Xinhang Macrowave	Coaxial Cable	XH750A-N/J-SMA/J-10M	20231117004 #0001	2023/11/17	2024/11/16
Xinhang Macrowave	Coaxial Cable	XH360A-2.92/J-2.92/J-6M-A	20231208001 #0001	2023/12/11	2024/12/10
AH	Preamplifier	PAM-0118P	469	2023/8/19	2024/8/18
AH	Preamplifier	PAM-1840VH	191	2023/9/7	2024/9/6
R&S	Spectrum Analyzer	FSV40	101944	2023/10/18	2024/10/17
Agilent	Wireless Communication Test Set	E5515C	MY50266471	2023/10/18	2024/10/17
R&S	Wideband Radio Communication Tester	CMW500	149216	2023/10/18	2024/10/17
E-Microwave	Band Rejection Filter	OBF-ZP-703-748-SMAF	OE01902425	2023/6/16	2024/6/15
E-Microwave	Band Rejection Filter	BSF-ZP-777-787-SMAF	OE01902430	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF824-862MS	1438001	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF1710-1785MN	0383003	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF1850-1910MS	0935V2001	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF2300-2400MS	0777003	2023/6/16	2024/6/15
Sinoscite	Band Rejection Filter	BSF2500-2750MS	1439001	2023/6/16	2024/6/15
Mini-Circuits	High Pass Filter	VHF-1200+	31102	2023/8/1	2024/7/31
Mini-Circuits	High Pass Filter	VHF-6010+	31118	2023/12/1	2024/11/30

* 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 Data:

After pre-scan in the X, Y and Z axes of orientation, the worst case is below:

Cellular Band (30MHz-10GHz)

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBµV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 850 Frequency:824.2MHz								
200.60	H	45.93	-69.21	0.00	0.18	-69.39	-13.00	56.39
232.80	V	47.92	-70.59	0.00	0.19	-70.78	-13.00	57.78
1648.40	H	62.15	-55.96	10.44	0.71	-46.23	-13.00	33.23
1648.40	V	58.01	-60.70	10.44	0.71	-50.97	-13.00	37.97
2472.60	H	61.32	-54.76	12.88	1.25	-43.13	-13.00	30.13
2472.60	V	58.49	-57.65	12.88	1.25	-46.02	-13.00	33.02
3296.80	H	55.16	-57.81	13.60	1.59	-45.80	-13.00	32.80
3296.80	V	55.39	-57.58	13.60	1.59	-45.57	-13.00	32.57
GSM 850 Frequency:836.6MHz								
251.10	H	45.57	-70.33	0.00	0.19	-70.52	-13.00	57.52
82.60	V	48.75	-73.80	0.00	0.10	-73.90	-13.00	60.90
1673.20	H	63.08	-54.66	10.61	0.73	-44.78	-13.00	31.78
1673.20	V	60.80	-57.54	10.61	0.73	-47.66	-13.00	34.66
2509.80	H	63.78	-52.49	13.11	1.25	-40.63	-13.00	27.63
2509.80	V	62.35	-53.95	13.11	1.25	-42.09	-13.00	29.09
3346.40	H	52.61	-60.24	13.83	1.61	-48.02	-13.00	35.02
3346.40	V	51.04	-61.86	13.83	1.61	-49.64	-13.00	36.64
GSM 850 Frequency:848.8MHz								
251.10	H	45.73	-70.17	0.00	0.19	-70.36	-13.00	57.36
225.80	V	47.01	-71.17	0.00	0.19	-71.36	-13.00	58.36
1697.60	H	64.49	-52.89	10.78	0.75	-42.86	-13.00	29.86
1697.60	V	62.51	-55.47	10.78	0.75	-45.44	-13.00	32.44
2546.40	H	63.98	-52.45	13.15	1.27	-40.57	-13.00	27.57
2546.40	V	61.10	-55.47	13.15	1.27	-43.59	-13.00	30.59
3395.20	H	53.17	-59.52	14.08	1.64	-47.08	-13.00	34.08
3395.20	V	50.76	-62.03	14.08	1.64	-49.59	-13.00	36.59

PCS Band (30MHz-20GHz)

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
GSM 1900 Frequency:1850.2MHz								
270.70	H	44.17	-71.54	0.00	0.19	-71.73	-13.00	58.73
47.50	V	47.85	-55.19	-17.35	0.07	-72.61	-13.00	59.61
3700.40	H	51.49	-60.36	14.00	1.83	-48.19	-13.00	35.19
3700.40	V	48.13	-63.70	14.00	1.83	-51.53	-13.00	38.53
5550.60	H	66.10	-41.47	13.95	1.27	-28.79	-13.00	15.79
5550.60	V	58.74	-48.68	13.95	1.27	-36.00	-13.00	23.00
GSM 1900 Frequency:1880MHz								
401.30	H	44.31	-66.54	0.00	0.19	-66.73	-13.00	53.73
83.30	V	48.30	-73.91	0.00	0.10	-74.01	-13.00	61.01
3760.00	H	53.51	-57.83	13.76	1.63	-45.70	-13.00	32.70
3760.00	V	55.78	-55.43	13.76	1.63	-43.30	-13.00	30.30
5640.00	H	62.86	-44.46	14.02	1.31	-31.75	-13.00	18.75
5640.00	V	60.84	-46.36	14.02	1.31	-33.65	-13.00	20.65
GSM 1900 Frequency:1909.8MHz								
250.20	H	46.78	-69.13	0.00	0.19	-69.32	-13.00	56.32
234.20	V	45.15	-73.43	0.00	0.19	-73.62	-13.00	60.62
3819.60	H	55.25	-55.65	13.56	1.50	-43.59	-13.00	30.59
3819.60	V	55.18	-55.54	13.56	1.50	-43.48	-13.00	30.48
5729.40	H	60.08	-47.37	13.96	1.31	-34.72	-13.00	21.72
5729.40	V	57.81	-49.60	13.96	1.31	-36.95	-13.00	23.95

WCDMA Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 2 Frequency: 1852.4 MHz								
159.80	H	42.21	-71.16	0.00	0.16	-71.32	-13.00	58.32
43.30	V	54.89	-41.92	-22.04	0.07	-64.03	-13.00	51.03
3704.80	H	51.60	-60.22	13.98	1.81	-48.05	-13.00	35.05
3704.80	V	50.45	-61.34	13.98	1.81	-49.17	-13.00	36.17
5557.20	H	48.55	-58.97	13.97	1.27	-46.27	-13.00	33.27
5557.20	V	48.68	-58.69	13.97	1.27	-45.99	-13.00	32.99
WCDMA Band 2 Frequency: 1880MHz								
133.20	H	40.05	-71.17	0.00	0.15	-71.32	-13.00	58.32
49.00	V	54.03	-51.50	-15.88	0.07	-67.45	-13.00	54.45
3760.00	H	51.48	-59.86	13.76	1.63	-47.73	-13.00	34.73
3760.00	V	51.22	-59.99	13.76	1.63	-47.86	-13.00	34.86
5640.00	H	52.27	-55.05	14.02	1.31	-42.34	-13.00	29.34
5640.00	V	53.17	-54.03	14.02	1.31	-41.32	-13.00	28.32
WCDMA Band 2 Frequency: 1907.6MHz								
230.00	H	39.63	-75.97	0.00	0.19	-76.16	-13.00	63.16
88.30	V	53.16	-66.59	0.00	0.10	-66.69	-13.00	53.69
3815.20	H	48.99	-61.93	13.57	1.50	-49.86	-13.00	36.86
3815.20	V	47.67	-63.07	13.57	1.50	-51.00	-13.00	38.00
5722.80	H	47.97	-59.49	13.95	1.32	-46.86	-13.00	33.86
5722.80	V	48.05	-59.37	13.95	1.32	-46.74	-13.00	33.74

WCDMA Band 4(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 4 Frequency: 1712.4 MHz								
143.00	H	42.62	-69.70	0.00	0.15	-69.85	-13.00	56.85
44.62	V	54.97	-43.45	-20.30	0.07	-63.82	-13.00	50.82
3424.80	H	47.25	-65.34	14.03	1.63	-52.94	-13.00	39.94
3424.80	V	46.87	-65.79	14.03	1.63	-53.39	-13.00	40.39
5137.20	H	49.82	-58.20	13.94	1.39	-45.65	-13.00	32.65
5137.20	V	48.39	-59.56	13.94	1.39	-47.01	-13.00	34.01
WCDMA Band 4 Frequency: 1732.6MHz								
50.40	H	45.74	-64.92	-14.72	0.07	-79.71	-13.00	66.71
232.80	V	44.28	-74.23	0.00	0.19	-74.42	-13.00	61.42
3465.20	H	47.30	-65.14	13.90	1.62	-52.86	-13.00	39.86
3465.20	V	48.48	-64.00	13.90	1.62	-51.72	-13.00	38.72
5197.80	H	47.60	-59.92	14.00	1.52	-47.44	-13.00	34.44
5197.80	V	47.84	-59.76	14.00	1.52	-47.28	-13.00	34.28
WCDMA Band 4 Frequency: 1752.6MHz								
161.30	H	41.88	-71.69	0.00	0.16	-71.85	-13.00	58.85
224.40	V	43.96	-74.16	0.00	0.18	-74.34	-13.00	61.34
3505.20	H	47.04	-65.29	13.82	1.60	-53.07	-13.00	40.07
3505.20	V	47.53	-64.80	13.82	1.60	-52.58	-13.00	39.58
5257.80	H	48.68	-59.85	14.17	1.31	-46.99	-13.00	33.99
5257.80	V	47.67	-60.94	14.17	1.31	-48.08	-13.00	35.08

WCDMA Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
WCDMA Band 5 Frequency:826.4 MHz								
662.60	H	37.41	-69.82	0.00	0.27	-70.09	-13.00	57.09
241.30	V	43.23	-75.69	0.00	0.19	-75.88	-13.00	62.88
1652.80	H	49.09	-68.96	10.47	0.72	-59.21	-13.00	46.21
1652.80	V	50.32	-68.33	10.47	0.72	-58.58	-13.00	45.58
2479.20	H	53.55	-62.57	12.93	1.25	-50.89	-13.00	37.89
2479.20	V	52.36	-63.80	12.93	1.25	-52.12	-13.00	39.12
3305.60	H	48.45	-64.53	13.63	1.59	-52.49	-13.00	39.49
3305.60	V	47.88	-65.11	13.63	1.59	-53.07	-13.00	40.07
WCDMA Band 5 Frequency:836.6MHz								
700.30	H	39.19	-67.84	0.00	0.30	-68.14	-13.00	55.14
220.20	V	42.77	-75.15	0.00	0.18	-75.33	-13.00	62.33
1673.20	H	48.54	-69.20	10.61	0.73	-59.32	-13.00	46.32
1673.20	V	50.02	-68.32	10.61	0.73	-58.44	-13.00	45.44
2509.80	H	54.48	-61.79	13.11	1.25	-49.93	-13.00	36.93
2509.80	V	51.66	-64.64	13.11	1.25	-52.78	-13.00	39.78
3346.40	H	46.88	-65.97	13.83	1.61	-53.75	-13.00	40.75
3346.40	V	47.15	-65.75	13.83	1.61	-53.53	-13.00	40.53
WCDMA Band 5 Frequency:846.6MHz								
230.00	H	39.67	-75.93	0.00	0.19	-76.12	-13.00	63.12
160.36	V	41.81	-76.81	0.00	0.16	-76.97	-13.00	63.97
1693.20	H	48.97	-68.47	10.75	0.75	-58.47	-13.00	45.47
1693.20	V	46.41	-71.63	10.75	0.75	-61.63	-13.00	48.63
2539.80	H	49.83	-66.57	13.14	1.27	-54.70	-13.00	41.70
2539.80	V	50.22	-66.30	13.14	1.27	-54.43	-13.00	41.43
3386.40	H	47.01	-65.71	14.03	1.63	-53.31	-13.00	40.31
3386.40	V	47.12	-65.69	14.03	1.63	-53.29	-13.00	40.29

LTE Bands:

(The Worst modulation and bandwidth was below)

LTE Band 2(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBµV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK,Frequency:1850.7 MHz								
157.20	H	41.97	-71.24	0.00	0.16	-71.40	-13.00	58.40
248.32	V	42.13	-77.12	0.00	0.19	-77.31	-13.00	64.31
3701.40	H	58.36	-53.49	13.99	1.83	-41.33	-13.00	28.33
3701.40	V	57.29	-54.53	13.99	1.83	-42.37	-13.00	29.37
5552.10	H	50.48	-57.08	13.96	1.27	-44.39	-13.00	31.39
5552.10	V	52.93	-54.48	13.96	1.27	-41.79	-13.00	28.79
1RB, 1.4MHz, QPSK,Frequency:1880 MHz								
134.60	H	42.52	-68.88	0.00	0.15	-69.03	-13.00	56.03
258.10	V	41.18	-77.73	0.00	0.19	-77.92	-13.00	64.92
3760.00	H	56.33	-55.01	13.76	1.63	-42.88	-13.00	29.88
3760.00	V	55.79	-55.42	13.76	1.63	-43.29	-13.00	30.29
5640.00	H	54.82	-52.50	14.02	1.31	-39.79	-13.00	26.79
5640.00	V	56.27	-50.93	14.02	1.31	-38.22	-13.00	25.22
1RB, 1.4MHz, QPSK,Frequency:1909.3 MHz								
121.93	H	42.06	-67.64	0.00	0.14	-67.78	-13.00	54.78
193.50	V	40.70	-76.81	0.00	0.18	-76.99	-13.00	63.99
3818.60	H	55.84	-55.07	13.56	1.50	-43.01	-13.00	30.01
3818.60	V	54.20	-56.52	13.56	1.50	-44.46	-13.00	31.46
5727.90	H	55.65	-51.80	13.96	1.31	-39.15	-13.00	26.15
5727.90	V	58.64	-48.77	13.96	1.31	-36.12	-13.00	23.12

LTE Band 4(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK,Frequency:1710.7 MHz								
119.52	H	43.62	-65.89	0.00	0.14	-66.03	-13.00	53.03
223.40	V	42.90	-75.17	0.00	0.18	-75.35	-13.00	62.35
3421.40	H	48.40	-64.20	14.04	1.63	-51.79	-13.00	38.79
3421.40	V	48.24	-64.44	14.04	1.63	-52.03	-13.00	39.03
5132.10	H	53.04	-55.03	13.93	1.37	-42.47	-13.00	29.47
5132.10	V	56.96	-51.02	13.93	1.37	-38.46	-13.00	25.46
1RB, 1.4MHz, QPSK,Frequency:1732.5 MHz								
123.47	H	42.84	-67.07	0.00	0.14	-67.21	-13.00	54.21
270.70	V	40.56	-77.71	0.00	0.19	-77.90	-13.00	64.90
3465.00	H	48.44	-64.00	13.91	1.62	-51.71	-13.00	38.71
3465.00	V	48.61	-63.87	13.91	1.62	-51.58	-13.00	38.58
5197.50	H	54.75	-52.77	14.00	1.52	-40.29	-13.00	27.29
5197.50	V	56.59	-51.01	14.00	1.52	-38.53	-13.00	25.53
1RB, 1.4MHz, QPSK,Frequency:1754.3MHz								
103.66	H	40.17	-71.61	0.00	0.13	-71.74	-13.00	58.74
235.48	V	44.86	-73.78	0.00	0.19	-73.97	-13.00	60.97
3508.60	H	48.14	-64.20	13.83	1.60	-51.97	-13.00	38.97
3508.60	V	48.17	-64.17	13.83	1.60	-51.94	-13.00	38.94
5262.90	H	55.48	-53.14	14.19	1.29	-40.24	-13.00	27.24
5262.90	V	58.62	-50.08	14.19	1.29	-37.18	-13.00	24.18

LTE Band 5(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 824.7 MHz								
121.40	H	41.15	-68.48	0.00	0.14	-68.62	-13.00	55.62
225.42	V	44.28	-73.88	0.00	0.19	-74.07	-13.00	61.07
1649.40	H	51.27	-66.83	10.45	0.71	-57.09	-13.00	44.09
1649.40	V	50.54	-68.16	10.45	0.71	-58.42	-13.00	45.42
2474.10	H	60.73	-55.36	12.89	1.25	-43.72	-13.00	30.72
2474.10	V	60.39	-55.75	12.89	1.25	-44.11	-13.00	31.11
3298.80	H	47.28	-65.71	13.60	1.59	-53.70	-13.00	40.70
3298.80	V	47.31	-65.68	13.60	1.59	-53.67	-13.00	40.67
1RB, 1.4MHz,QPSK, Frequency: 836.5 MHz								
154.30	H	42.03	-70.99	0.00	0.16	-71.15	-13.00	58.15
236.40	V	43.27	-75.42	0.00	0.19	-75.61	-13.00	62.61
1673.00	H	51.04	-66.71	10.61	0.73	-56.83	-13.00	43.83
1673.00	V	50.22	-68.13	10.61	0.73	-58.25	-13.00	45.25
2509.50	H	56.35	-59.92	13.11	1.25	-48.06	-13.00	35.06
2509.50	V	59.20	-57.10	13.11	1.25	-45.24	-13.00	32.24
3346.00	H	35.80	-77.05	13.83	1.61	-64.83	-13.00	51.83
3346.00	V	35.16	-77.74	13.83	1.61	-65.52	-13.00	52.52
1RB, 1.4MHz,QPSK, Frequency: 848.3 MHz								
161.30	H	42.24	-71.33	0.00	0.16	-71.49	-13.00	58.49
214.60	V	42.32	-75.33	0.00	0.18	-75.51	-13.00	62.51
1696.60	H	51.50	-65.89	10.78	0.75	-55.86	-13.00	42.86
1696.60	V	52.12	-65.87	10.78	0.75	-55.84	-13.00	42.84
2544.90	H	55.42	-61.01	13.14	1.27	-49.14	-13.00	36.14
2544.90	V	60.83	-55.73	13.14	1.27	-43.86	-13.00	30.86
3393.20	H	47.26	-65.44	14.07	1.64	-53.01	-13.00	40.01
3393.20	V	47.47	-65.32	14.07	1.64	-52.89	-13.00	39.89

LTE Band 7(30MHz-26GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 2502.5 MHz								
158.24	H	39.82	-73.45	0.00	0.16	-73.61	-25.00	48.61
251.47	V	45.24	-74.01	0.00	0.19	-74.20	-25.00	49.20
5005.00	H	55.74	-54.02	14.00	1.43	-41.45	-25.00	16.45
5005.00	V	54.88	-54.64	14.00	1.43	-42.07	-25.00	17.07
7507.50	H	48.31	-53.71	13.20	1.33	-41.84	-25.00	16.84
7507.50	V	48.81	-53.69	13.20	1.33	-41.82	-25.00	16.82
1RB, 1.4MHz,QPSK, Frequency: 2535 MHz								
230.11	H	39.68	-75.92	0.00	0.19	-76.11	-25.00	51.11
168.56	V	40.25	-78.39	0.00	0.16	-78.55	-25.00	53.55
5070.00	H	58.41	-50.37	13.93	1.34	-37.78	-25.00	12.78
5070.00	V	57.60	-50.99	13.93	1.34	-38.40	-25.00	13.40
7605.00	H	49.30	-52.97	13.21	1.40	-41.16	-25.00	16.16
7605.00	V	48.56	-54.11	13.21	1.40	-42.30	-25.00	17.30
1RB, 1.4MHz,QPSK, Frequency: 2567.5 MHz								
171.10	H	38.57	-76.40	0.00	0.17	-76.57	-25.00	51.57
224.50	V	43.62	-74.50	0.00	0.18	-74.68	-25.00	49.68
5135.00	H	61.33	-46.71	13.94	1.38	-34.15	-25.00	9.15
5135.00	V	59.06	-48.90	13.94	1.38	-36.34	-25.00	11.34
7702.50	H	49.53	-52.99	13.40	1.47	-41.06	-25.00	16.06
7702.50	V	50.57	-52.27	13.40	1.47	-40.34	-25.00	15.34

LTE Band 12(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 1.4MHz, QPSK, Frequency: 699.7 MHz								
131.80	H	38.78	-72.25	0.00	0.15	-72.40	-13.00	59.40
215.02	V	40.87	-76.80	0.00	0.18	-76.98	-13.00	63.98
1399.40	H	51.21	-65.93	9.00	1.20	-58.13	-13.00	45.13
1399.40	V	53.24	-64.50	9.00	1.20	-56.70	-13.00	43.70
2099.10	H	60.17	-56.26	11.41	1.10	-45.95	-13.00	32.95
2099.10	V	57.05	-59.38	11.41	1.10	-49.07	-13.00	36.07
2798.80	H	47.35	-68.40	13.10	1.36	-56.66	-13.00	43.66
2798.80	V	46.32	-69.62	13.10	1.36	-57.88	-13.00	44.88
1RB, 1.4MHz,QPSK, Frequency:707.5 MHz								
96.70	H	40.31	-73.39	0.00	0.12	-73.51	-13.00	60.51
106.30	V	47.62	-70.54	0.00	0.13	-70.67	-13.00	57.67
1415.00	H	52.61	-64.87	9.08	1.22	-57.01	-13.00	44.01
1415.00	V	50.71	-67.30	9.08	1.22	-59.44	-13.00	46.44
2122.50	H	59.76	-56.67	11.27	1.11	-46.51	-13.00	33.51
2122.50	V	56.06	-60.35	11.27	1.11	-50.19	-13.00	37.19
2830.00	H	48.68	-66.65	13.34	1.36	-54.67	-13.00	41.67
2830.00	V	46.87	-68.69	13.34	1.36	-56.71	-13.00	43.71
1RB, 1.4MHz,QPSK, Frequency: 715.3 MHz								
133.20	H	39.46	-71.76	0.00	0.15	-71.91	-13.00	58.91
116.40	V	46.92	-70.02	0.00	0.14	-70.16	-13.00	57.16
1430.60	H	53.73	-64.12	9.15	1.25	-56.22	-13.00	43.22
1430.60	V	54.98	-63.31	9.15	1.25	-55.41	-13.00	42.41
2145.90	H	63.06	-53.39	11.12	1.12	-43.39	-13.00	30.39
2145.90	V	58.20	-58.20	11.12	1.12	-48.20	-13.00	35.20
2861.20	H	48.33	-66.56	13.59	1.35	-54.32	-13.00	41.32
2861.20	V	46.32	-68.83	13.59	1.35	-56.59	-13.00	43.59

LTE Band 13 (30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 779.5 MHz								
234.20	H	38.68	-76.98	0.00	0.19	-77.17	-13.00	64.17
228.94	V	43.13	-75.20	0.00	0.19	-75.39	-13.00	62.39
1559.00	H	52.58	-66.51	9.85	0.95	-57.61	-13.00	44.61
1559.00	V	51.65	-67.84	9.85	0.95	-58.94	-13.00	45.94
2338.50	H	58.14	-57.49	11.62	1.25	-47.12	-13.00	34.12
2338.50	V	54.91	-60.73	11.62	1.25	-50.36	-13.00	37.36
3118.00	H	49.28	-64.07	13.27	1.78	-52.58	-13.00	39.58
3118.00	V	47.44	-65.92	13.27	1.78	-54.43	-13.00	41.43
1RB, 5MHz,QPSK, Frequency:784.5 MHz								
152.60	H	39.67	-73.25	0.00	0.16	-73.41	-13.00	60.41
188.44	V	44.62	-73.32	0.00	0.17	-73.49	-13.00	60.49
1569.00	H	51.42	-67.61	9.91	0.89	-58.59	-13.00	45.59
1569.00	V	49.97	-69.51	9.91	0.89	-60.49	-13.00	47.49
2353.50	H	57.95	-57.69	11.79	1.26	-47.16	-13.00	34.16
2353.50	V	54.92	-60.78	11.79	1.26	-50.25	-13.00	37.25
3138.00	H	47.54	-65.51	13.35	1.73	-53.89	-13.00	40.89
3138.00	V	48.21	-64.86	13.35	1.73	-53.24	-13.00	40.24

LTE Band 17(30MHz-10GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 706.5 MHz								
180.34	H	37.35	-78.88	0.00	0.17	-79.05	-13.00	66.05
230.42	V	45.20	-73.20	0.00	0.19	-73.39	-13.00	60.39
1413.00	H	49.15	-68.29	9.07	1.22	-60.44	-13.00	47.44
1413.00	V	48.72	-69.25	9.07	1.22	-61.40	-13.00	48.40
2119.50	H	53.90	-62.53	11.28	1.11	-52.36	-13.00	39.36
2119.50	V	56.43	-59.98	11.28	1.11	-49.81	-13.00	36.81
2826.00	H	47.21	-68.17	13.31	1.36	-56.22	-13.00	43.22
2826.00	V	45.94	-69.67	13.31	1.36	-57.72	-13.00	44.72
1RB, 5MHz,QPSK, Frequency:710 MHz								
173.90	H	37.12	-78.25	0.00	0.17	-78.42	-13.00	65.42
226.70	V	43.39	-74.84	0.00	0.19	-75.03	-13.00	62.03
1420.00	H	50.44	-67.16	9.10	1.23	-59.29	-13.00	46.29
1420.00	V	48.09	-70.01	9.10	1.23	-62.14	-13.00	49.14
2130.00	H	53.41	-63.03	11.22	1.11	-52.92	-13.00	39.92
2130.00	V	55.26	-61.15	11.22	1.11	-51.04	-13.00	38.04
2840.00	H	48.27	-66.92	13.42	1.36	-54.86	-13.00	41.86
2840.00	V	49.22	-66.21	13.42	1.36	-54.15	-13.00	41.15
1RB, 5MHz,QPSK, Frequency: 713.5 MHz								
123.40	H	39.03	-70.87	0.00	0.14	-71.01	-13.00	58.01
235.90	V	44.42	-74.24	0.00	0.19	-74.43	-13.00	61.43
1427.00	H	48.19	-69.57	9.14	1.24	-61.67	-13.00	48.67
1427.00	V	51.17	-67.06	9.14	1.24	-59.16	-13.00	46.16
2140.50	H	54.61	-61.84	11.16	1.12	-51.80	-13.00	38.80
2140.50	V	51.38	-65.03	11.16	1.12	-54.99	-13.00	41.99
2854.00	H	47.97	-67.02	13.53	1.35	-54.84	-13.00	41.84
2854.00	V	49.27	-65.97	13.53	1.35	-53.79	-13.00	40.79

LTE Band 38(30MHz-26.5GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 2572.5 MHz								
235.70	H	37.78	-77.91	0.00	0.19	-78.10	-25.00	53.10
142.87	V	46.53	-72.39	0.00	0.15	-72.54	-25.00	47.54
5145.00	H	53.54	-54.42	13.95	1.40	-41.87	-25.00	16.87
5145.00	V	60.77	-47.13	13.95	1.40	-34.58	-25.00	9.58
7717.50	H	47.85	-54.71	13.38	1.48	-42.81	-25.00	17.81
7717.50	V	50.81	-52.06	13.38	1.48	-40.16	-25.00	15.16
1RB, 5MHz,QPSK, Frequency: 2595 MHz								
298.80	H	35.15	-80.28	0.00	0.20	-80.48	-25.00	55.48
238.40	V	42.58	-76.20	0.00	0.19	-76.39	-25.00	51.39
5190.00	H	52.55	-55.04	13.99	1.51	-42.56	-25.00	17.56
5190.00	V	58.93	-48.71	13.99	1.51	-36.23	-25.00	11.23
7785.00	H	48.16	-54.58	13.32	1.53	-42.79	-25.00	17.79
7785.00	V	50.17	-52.82	13.32	1.53	-41.03	-25.00	16.03
1RB, 5MHz,QPSK, Frequency: 2617.5 MHz								
398.90	H	38.38	-72.53	0.00	0.19	-72.72	-25.00	47.72
224.50	V	44.27	-73.85	0.00	0.18	-74.03	-25.00	49.03
5235.00	H	53.77	-54.36	14.11	1.40	-41.65	-25.00	16.65
5235.00	V	60.75	-47.46	14.11	1.40	-34.75	-25.00	9.75
7852.50	H	47.51	-55.41	13.25	1.58	-43.74	-25.00	18.74
7852.50	V	49.29	-53.82	13.25	1.58	-42.15	-25.00	17.15

LTE Band 41(30MHz-27GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 2498.5 MHz								
98.12	H	38.36	-74.74	0.00	0.12	-74.86	-25.00	49.86
186.70	V	41.67	-76.42	0.00	0.17	-76.59	-25.00	51.59
4997.00	H	63.23	-46.59	14.00	1.44	-34.03	-25.00	9.03
4997.00	V	65.88	-43.67	14.00	1.44	-31.11	-25.00	6.11
7495.50	H	52.84	-49.17	13.20	1.32	-37.29	-25.00	12.29
7495.50	V	51.90	-50.60	13.20	1.32	-38.72	-25.00	13.72
1RB, 5MHz,QPSK, Frequency: 2593 MHz								
192.10	H	38.09	-77.48	0.00	0.18	-77.66	-25.00	52.66
260.10	V	45.38	-73.43	0.00	0.19	-73.62	-25.00	48.62
5186.00	H	62.31	-45.31	13.99	1.50	-32.82	-25.00	7.82
5186.00	V	64.12	-43.55	13.99	1.50	-31.06	-25.00	6.06
7779.00	H	51.80	-50.92	13.32	1.53	-39.13	-25.00	14.13
7779.00	V	53.27	-49.71	13.32	1.53	-37.92	-25.00	12.92
1RB, 5MHz,QPSK, Frequency: 2687.5 MHz								
61.60	H	38.59	-75.33	-9.45	0.08	-84.86	-25.00	59.86
232.80	V	43.87	-74.64	0.00	0.19	-74.83	-25.00	49.83
5375.00	H	62.23	-45.60	14.15	1.38	-32.83	-25.00	7.83
5375.00	V	66.23	-41.59	14.15	1.38	-28.82	-25.00	3.82
8062.50	H	51.01	-52.11	13.34	1.72	-40.49	-25.00	15.49
8062.50	V	54.07	-49.12	13.34	1.72	-37.50	-25.00	12.50

LTE Band 42(30MHz-36GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 3452.5 MHz								
42.65	H	42.65	-59.66	-22.90	0.07	-82.63	-13.00	69.63
148.29	V	44.87	-73.95	0.00	0.15	-74.10	-13.00	61.10
6905.00	H	49.65	-54.38	13.69	1.80	-42.49	-13.00	29.49
6905.00	V	50.10	-53.81	13.69	1.80	-41.92	-13.00	28.92
10357.50	H	48.62	-51.12	13.49	0.40	-38.03	-13.00	25.03
10357.50	V	49.62	-49.56	13.49	0.40	-36.47	-13.00	23.47
1RB, 5MHz,QPSK, Frequency: 3500MHz								
125.48	H	40.59	-69.59	0.00	0.14	-69.73	-13.00	56.73
134.95	V	42.35	-76.00	0.00	0.15	-76.15	-13.00	63.15
7000.00	H	48.26	-55.51	13.50	1.83	-43.84	-13.00	30.84
7000.00	V	49.62	-53.98	13.50	1.83	-42.31	-13.00	29.31
10500.00	H	48.74	-51.00	13.30	0.28	-37.98	-13.00	24.98
10500.00	V	49.26	-49.71	13.30	0.28	-36.69	-13.00	23.69
1RB, 5MHz,QPSK, Frequency: 3547.5 MHz								
133.01	H	40.65	-70.54	0.00	0.15	-70.69	-13.00	57.69
151.29	V	45.17	-73.60	0.00	0.16	-73.76	-13.00	60.76
7095.00	H	53.26	-50.17	13.22	1.73	-38.68	-13.00	25.68
7095.00	V	55.49	-47.90	13.22	1.73	-36.41	-13.00	23.41
10642.50	H	49.18	-50.22	13.04	0.43	-37.61	-13.00	24.61
10642.50	V	49.67	-49.00	13.04	0.43	-36.39	-13.00	23.39

LTE Band 66(30MHz-20GHz):

Frequency (MHz)	Polar (H/V)	Receiver Reading (dBμV)	Substituted Method			Absolute Level (dBm)	Limit (dBm)	Margin (dB)
			Substituted Level (dBm)	Antenna Gain (dBd/dBi)	Cable Loss (dB)			
1RB, 5MHz,QPSK, Frequency: 1710.7 MHz								
266.50	H	36.68	-79.07	0.00	0.19	-79.26	-13.00	66.26
224.46	V	43.95	-74.17	0.00	0.18	-74.35	-13.00	61.35
3421.40	H	48.02	-64.58	14.04	1.63	-52.17	-13.00	39.17
3421.40	V	50.37	-62.31	14.04	1.63	-49.90	-13.00	36.90
5132.10	H	53.70	-54.37	13.93	1.37	-41.81	-13.00	28.81
5132.10	V	58.19	-49.79	13.93	1.37	-37.23	-13.00	24.23
1RB, 5MHz,QPSK, Frequency: 1745 MHz								
280.60	H	36.75	-78.86	0.00	0.20	-79.06	-13.00	66.06
223.40	V	43.68	-74.39	0.00	0.18	-74.57	-13.00	61.57
3490.00	H	50.10	-62.25	13.83	1.61	-50.03	-13.00	37.03
3490.00	V	48.87	-63.49	13.83	1.61	-51.27	-13.00	38.27
5235.00	H	56.34	-51.79	14.11	1.40	-39.08	-13.00	26.08
5235.00	V	59.33	-48.88	14.11	1.40	-36.17	-13.00	23.17
1RB, 5MHz,QPSK, Frequency: 1779.3 MHz								
332.50	H	36.29	-77.65	0.00	0.20	-77.85	-13.00	64.85
169.30	V	39.92	-78.72	0.00	0.16	-78.88	-13.00	65.88
3558.60	H	49.31	-63.16	13.98	1.55	-50.73	-13.00	37.73
3558.60	V	48.51	-63.96	13.98	1.55	-51.53	-13.00	38.53
5337.90	H	57.75	-50.80	14.22	1.26	-37.84	-13.00	24.84
5337.90	V	60.91	-47.67	14.22	1.26	-34.71	-13.00	21.71

Note:

- 1) The unit of Antenna Gain is dBd for frequency below 1GHz, and the unit of Antenna Gain is dBi for frequency above 1GHz.
- 2) Absolute Level = Substituted Level - Cable loss + Antenna Gain
- 3) Margin = Limit-Absolute Level

APPENDIX A - EUT PHOTOGRAPHS

Please refer to the attachment 2402S71481E-RF-EXP EUT EXTERNAL PHOTOGRAPHS and 2402S71481E-RF-INP EUT INTERNAL PHOTOGRAPHS

APPENDIX B - TEST SETUP PHOTOGRAPHS

Please refer to the attachment 2402S71481E-RF-00E-TSP TEST SETUP PHOTOGRAPHS.

==== END OF REPORT =====