Appendix B

E-UTRA Band 13

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1 Effective (Isotropic) Radiated Power

1.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Conducted Power(dBm)	ERP (dBm)	limit (dBm)	Verdict
Band13	5MHz	QPSK	23205	1RB#0	23.11	22.96	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#12	23.14	22.99	34.77	PASS
Band13	5MHz	QPSK	23205	1RB#24	23.17	23.02	34.77	PASS
Band13	5MHz	QPSK	23205	12RB#0	22.26	22.11	34.77	PASS
Band13	5MHz	QPSK	23205	12RB#6	22.33	22.18	34.77	PASS
Band13	5MHz	QPSK	23205	12RB#13	22.27	22.12	34.77	PASS
Band13	5MHz	QPSK	23205	25RB#0	22.34	22.19	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#0	23.17	23.02	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#12	23.22	23.07	34.77	PASS
Band13	5MHz	QPSK	23230	1RB#24	23.17	23.02	34.77	PASS
Band13	5MHz	QPSK	23230	12RB#0	22.28	22.13	34.77	PASS
Band13	5MHz	QPSK	23230	12RB#6	22.30	22.15	34.77	PASS
Band13	5MHz	QPSK	23230	12RB#13	22.30	22.15	34.77	PASS
Band13	5MHz	QPSK	23230	25RB#0	22.28	22.13	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#0	23.15	23	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#12	23.17	23.02	34.77	PASS
Band13	5MHz	QPSK	23255	1RB#24	23.10	22.95	34.77	PASS
Band13	5MHz	QPSK	23255	12RB#6	22.26	22.11	34.77	PASS
Band13	5MHz	QPSK	23255	12RB#0	22.25	22.1	34.77	PASS
Band13	5MHz	QPSK	23255	12RB#13	22.27	22.12	34.77	PASS
Band13	5MHz	QPSK	23255	25RB#0	22.25	22.1	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#24	21.41	21.26	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#0	21.28	21.13	34.77	PASS
Band13	5MHz	64QAM	23205	1RB#12	21.44	21.29	34.77	PASS
Band13	5MHz	64QAM	23205	12RB#0	20.36	20.21	34.77	PASS
Band13	5MHz	64QAM	23205	12RB#6	20.41	20.26	34.77	PASS
Band13	5MHz	64QAM	23205	12RB#13	20.38	20.23	34.77	PASS

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Band13	5MHz	64QAM	23205	25RB#0	20.40	20.25	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#0	21.35	21.2	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#24	21.41	21.26	34.77	PASS
Band13	5MHz	64QAM	23230	1RB#12	21.52	21.37	34.77	PASS
Band13	5MHz	64QAM	23230	12RB#13	20.37	20.22	34.77	PASS
Band13	5MHz	64QAM	23230	12RB#6	20.35	20.2	34.77	PASS
Band13	5MHz	64QAM	23230	12RB#0	20.37	20.22	34.77	PASS
Band13	5MHz	64QAM	23230	25RB#0	20.39	20.24	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#12	21.37	21.22	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#0	21.42	21.27	34.77	PASS
Band13	5MHz	64QAM	23255	1RB#24	21.27	21.12	34.77	PASS
Band13	5MHz	64QAM	23255	12RB#0	20.36	20.21	34.77	PASS
Band13	5MHz	64QAM	23255	12RB#6	20.30	20.15	34.77	PASS
Band13	5MHz	64QAM	23255	12RB#13	20.32	20.17	34.77	PASS
Band13	5MHz	64QAM	23255	25RB#0	20.29	20.14	34.77	FAIL
Band13	5MHz	16QAM	23205	1RB#0	22.34	22.19	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#12	22.36	22.21	34.77	PASS
Band13	5MHz	16QAM	23205	1RB#24	22.43	22.28	34.77	PASS
Band13	5MHz	16QAM	23205	12RB#0	21.30	21.15	34.77	PASS
Band13	5MHz	16QAM	23205	12RB#6	21.35	21.2	34.77	PASS
Band13	5MHz	16QAM	23205	12RB#13	21.33	21.18	34.77	PASS
Band13	5MHz	16QAM	23205	25RB#0	21.29	21.14	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#0	22.42	22.27	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#24	22.41	22.26	34.77	PASS
Band13	5MHz	16QAM	23230	1RB#12	22.48	22.33	34.77	PASS
Band13	5MHz	16QAM	23230	12RB#0	21.34	21.19	34.77	PASS
Band13	5MHz	16QAM	23230	12RB#13	21.36	21.21	34.77	PASS
Band13	5MHz	16QAM	23230	12RB#6	21.32	21.17	34.77	PASS
Band13	5MHz	16QAM	23230	25RB#0	21.25	21.1	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#24	22.35	22.2	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#12	22.39	22.24	34.77	PASS
Band13	5MHz	16QAM	23255	1RB#0	22.55	22.4	34.77	PASS
Band13	5MHz	16QAM	23255	12RB#13	21.25	21.1	34.77	PASS

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Band13	5MHz	16QAM	23255	12RB#6	21.30	21.15	34.77	PASS
Band13	5MHz	16QAM	23255	12RB#0	21.30	21.15	34.77	PASS
Band13	5MHz	16QAM	23255	25RB#0	21.24	21.09	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#24	23.11	22.96	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#0	23.26	23.11	34.77	PASS
Band13	10MHz	QPSK	23230	1RB#49	23.18	23.03	34.77	PASS
Band13	10MHz	QPSK	23230	25RB#25	22.30	22.15	34.77	PASS
Band13	10MHz	QPSK	23230	25RB#0	22.33	22.18	34.77	PASS
Band13	10MHz	QPSK	23230	25RB#12	22.35	22.2	34.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	22.31	22.16	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#49	21.44	21.29	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#0	21.41	21.26	34.77	PASS
Band13	10MHz	64QAM	23230	1RB#24	21.32	21.17	34.77	PASS
Band13	10MHz	64QAM	23230	25RB#25	20.38	20.23	34.77	PASS
Band13	10MHz	64QAM	23230	25RB#0	20.37	20.22	34.77	PASS
Band13	10MHz	64QAM	23230	25RB#12	20.40	20.25	34.77	PASS
Band13	10MHz	64QAM	23230	50RB#0	20.43	20.28	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#24	22.36	22.21	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#49	22.38	22.23	34.77	PASS
Band13	10MHz	16QAM	23230	1RB#0	22.43	22.28	34.77	PASS
Band13	10MHz	16QAM	23230	25RB#12	21.36	21.21	34.77	PASS
Band13	10MHz	16QAM	23230	25RB#0	21.30	21.15	34.77	PASS
Band13	10MHz	16QAM	23230	25RB#25	21.29	21.14	34.77	PASS
Band13	10MHz	16QAM	23230	50RB#0	21.31	21.16	34.77	PASS

Remark:

a: For getting the EIRP (Efficient Isotropic Radiated Power), the following formula should be taken to calculate it,

ERP [dBm] = Conducted Power [dBm] + Gain [dBd]

EIRP [dBm] = Conducted Power [dBm] + Gain [dBi]

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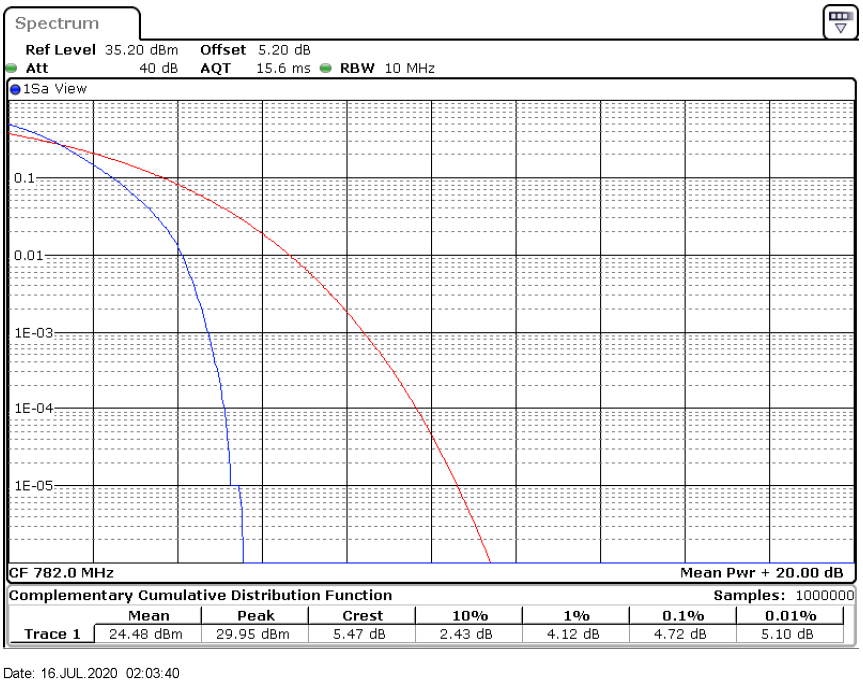
2. Peak-to-Average Ratio (CCDF)

2.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	4.72	13	PASS
Band13	10MHz	64QAM	23230	50RB#0	6.41	13	PASS
Band13	10MHz	16QAM	23230	50RB#0	5.77	13	PASS

2.2. Test Plots

Band13-10MHz-QPSK-23230-50RB#0



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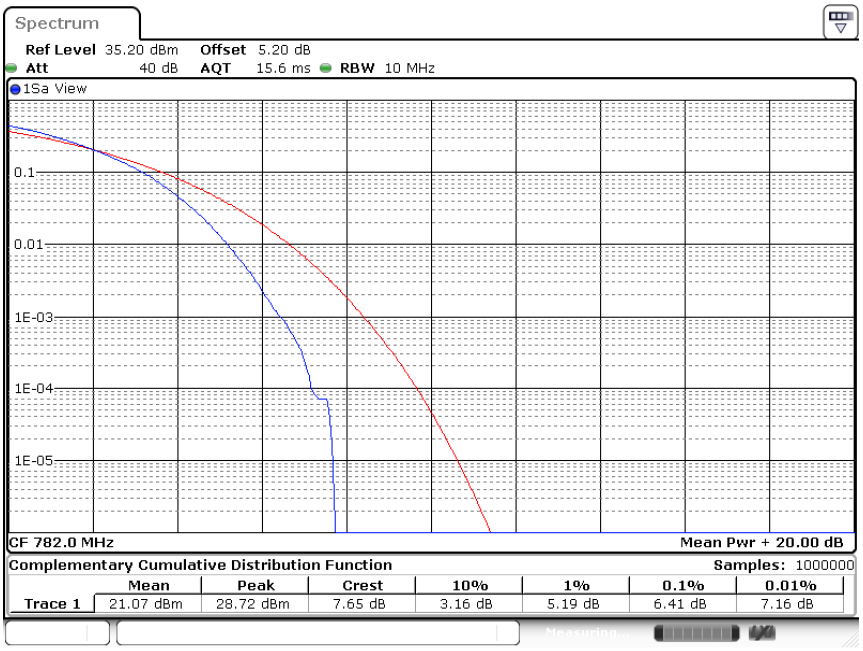
Band13-10MHz-64QAM-23230-50RB#0



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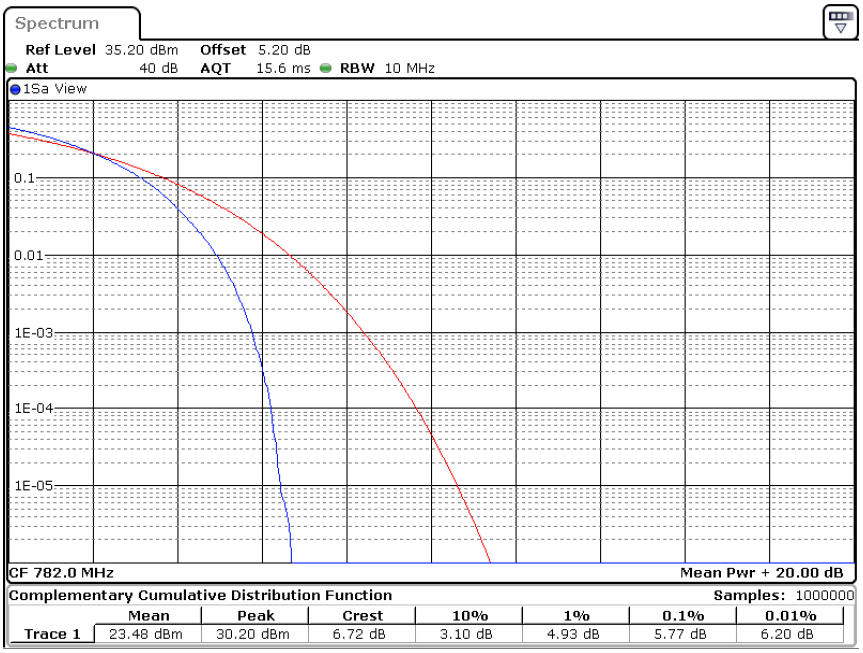

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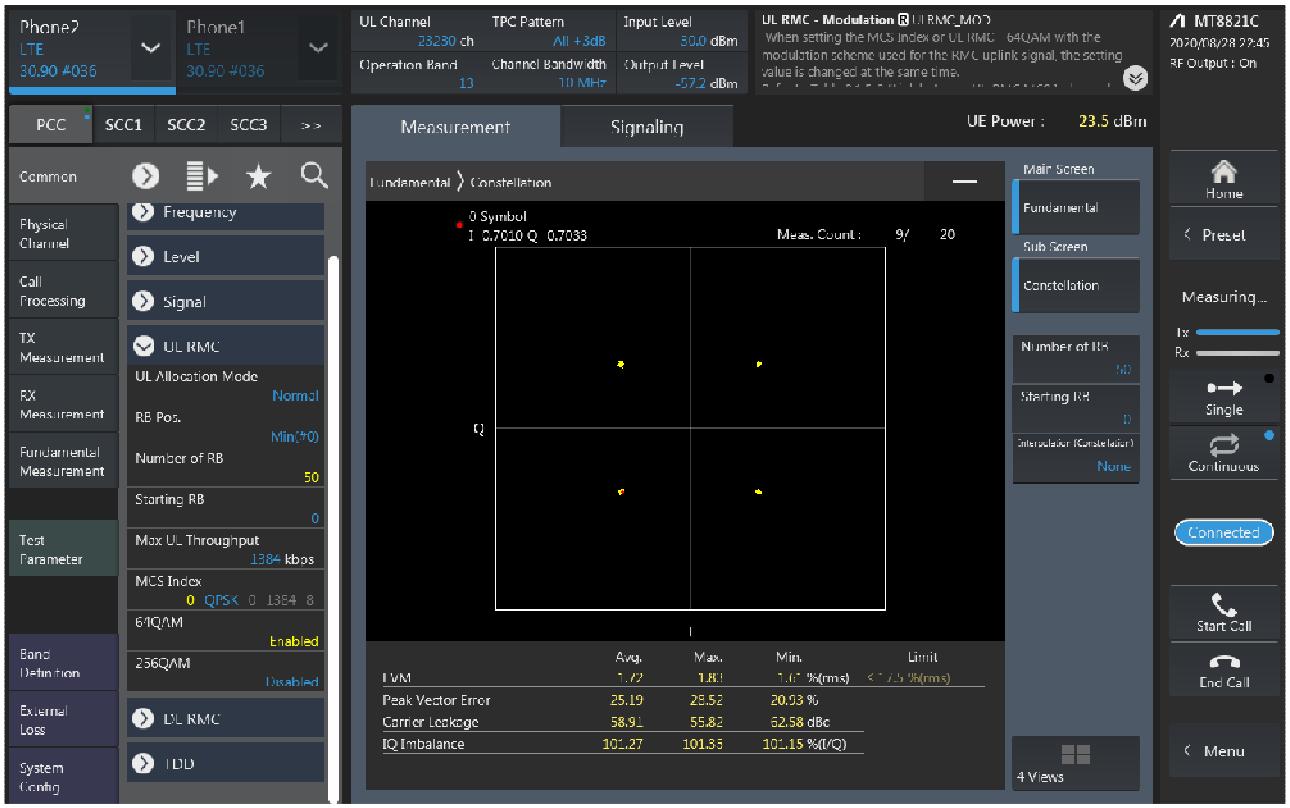
3. Modulation Characteristics

3.1. Test Mode = LTE /TM1 10MHz

3.1.1.Test Channel = MCH



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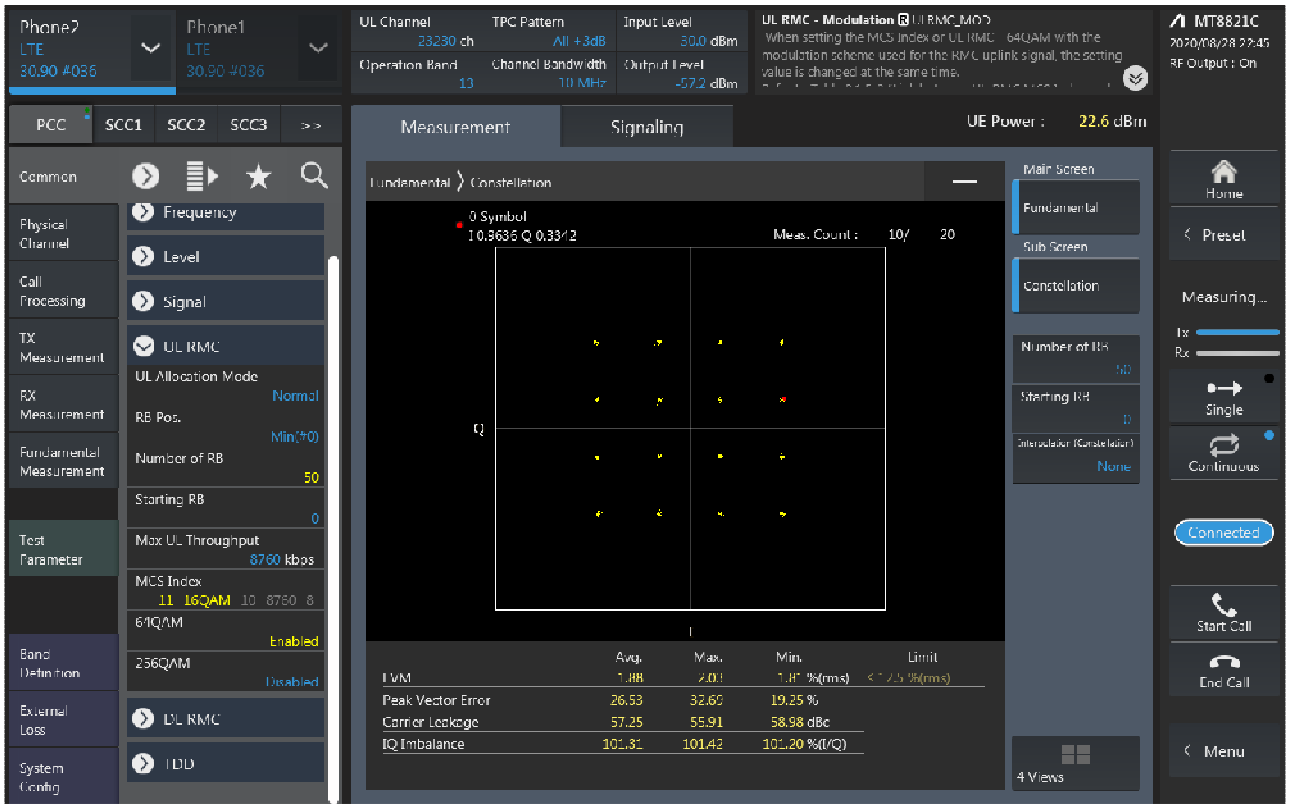
3.2. Test Mode = LTE /TM2 10MHz

3.2.1.Test Channel = MCH



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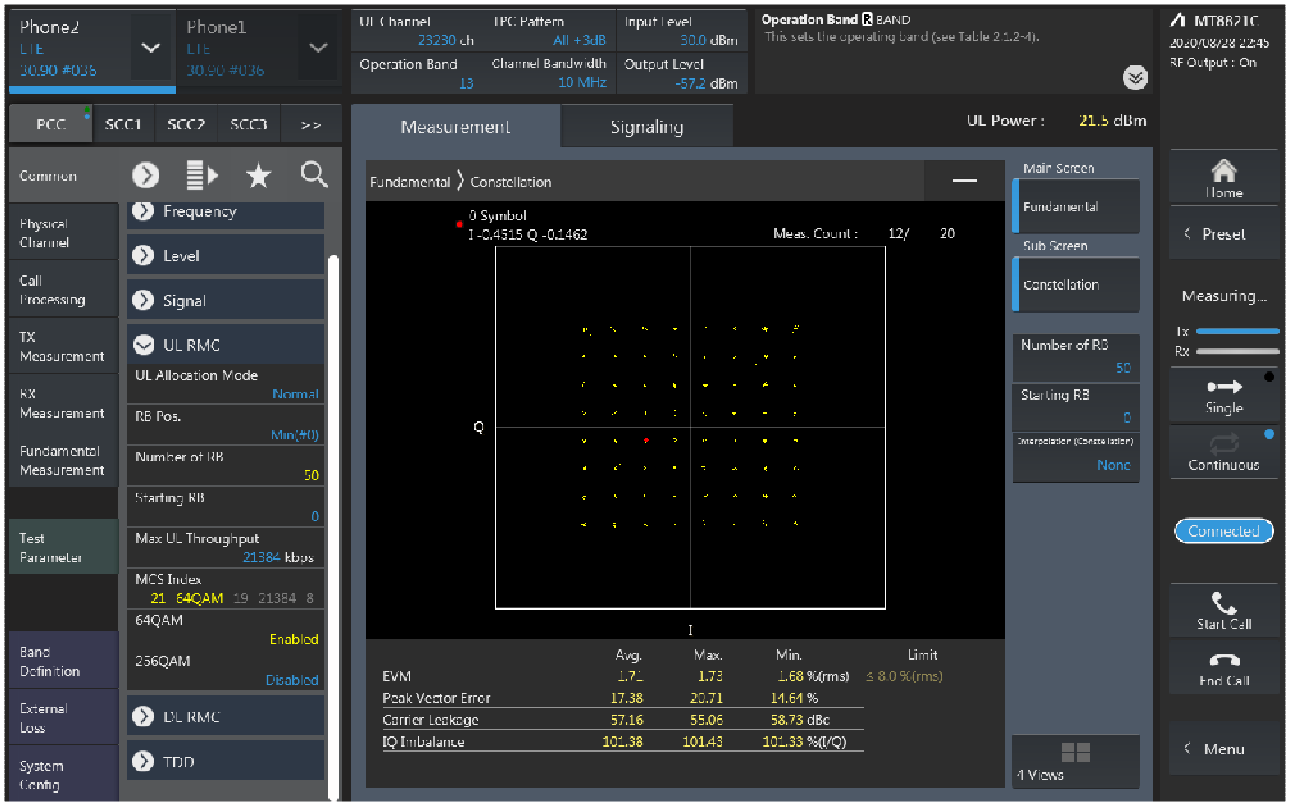
3.3. Test Mode = LTE /TM3 10MHz

3.3.1.Test Channel = MCH



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4. 26dB Bandwidth and Occupied Bandwidth

4.1. Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band13	5MHz	QPSK	23205	25RB#0	4.466	4.880	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.466	4.890	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.466	4.890	PASS
Band13	5MHz	64QAM	23205	25RB#0	4.456	4.820	PASS
Band13	5MHz	64QAM	23230	25RB#0	4.486	4.890	PASS
Band13	5MHz	64QAM	23255	25RB#0	4.466	4.860	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.476	4.890	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.486	4.920	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.476	4.900	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.911	9.660	PASS
Band13	10MHz	64QAM	23230	50RB#0	8.891	9.620	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.931	9.660	PASS

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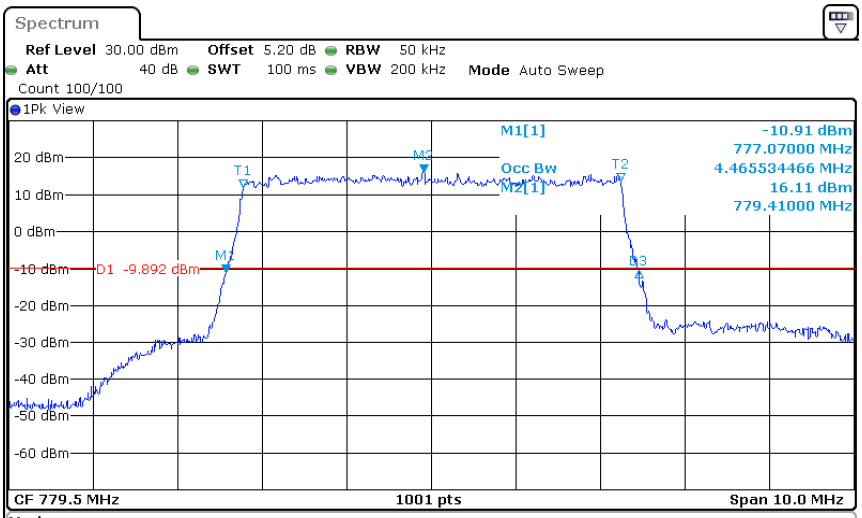
4.2. Test Plots

Band13-5MHz-QPSK-23205-25RB#0-4.466

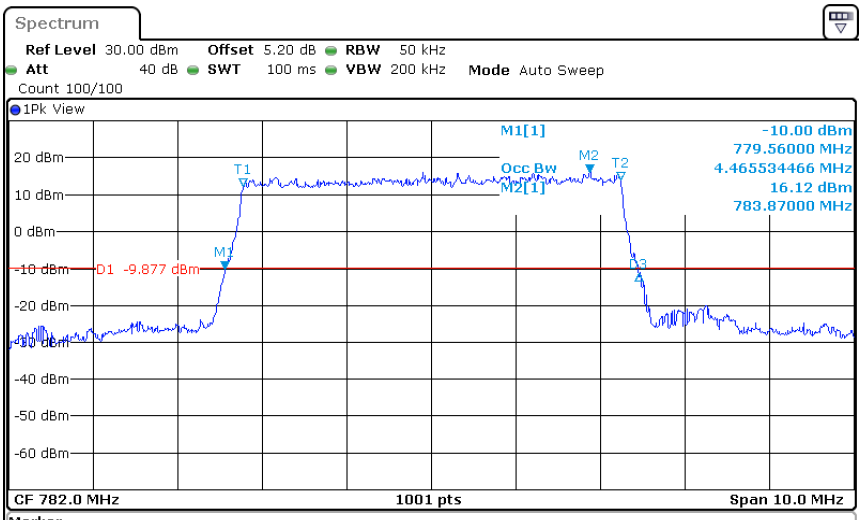


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.07 MHz	-10.91 dBm		
T1		1	777.27223 MHz	11.89 dBm	Occ Bw	4.465534466 MHz
T2		1	781.73776 MHz	13.71 dBm		
M2		1	779.41 MHz	16.11 dBm		
D3	M1	1	4.88 MHz	0.60 dB		

Date: 16.JUL.2020 01:56:13

Band13-5MHz-QPSK-23230-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	779.56 MHz	-10.00 dBm		
T1		1	779.77223 MHz	12.25 dBm	Occ Bw	4.465534466 MHz
T2		1	784.23776 MHz	13.95 dBm		
M2		1	783.87 MHz	16.12 dBm		
D3	M1	1	4.89 MHz	-1.22 dB		

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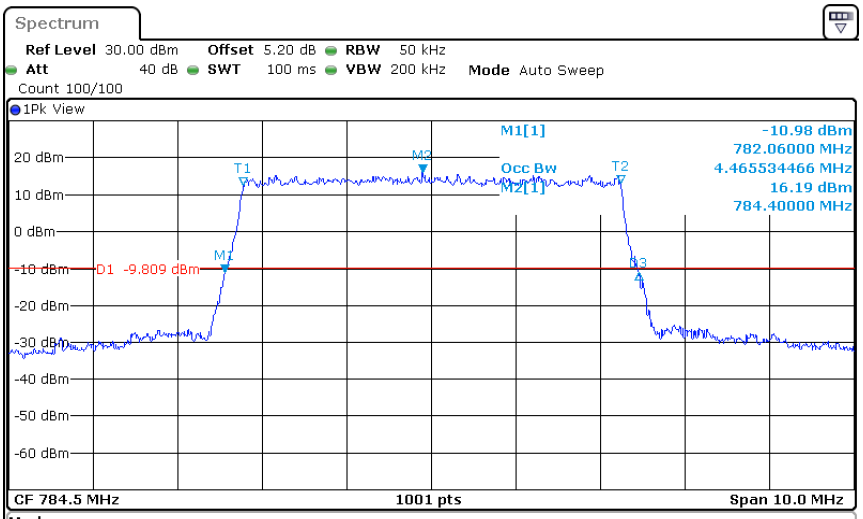
Band13-5MHz-QPSK-23255-25RB#0-4.466



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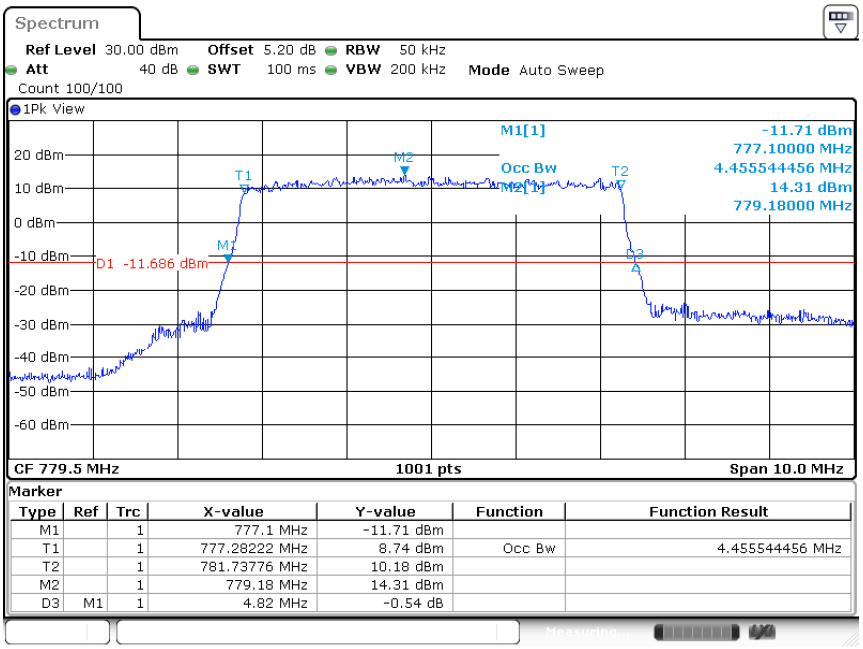
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	782.06 MHz	-10.98 dBm		
T1		1	782.27223 MHz	12.50 dBm	Occ Bw	4.465534466 MHz
T2		1	786.73776 MHz	13.15 dBm		
M2		1	784.4 MHz	16.19 dBm		
D3	M1	1	4.89 MHz	0.08 dB		

Date: 16.JUL.2020 01:57:32

Band13-5MHz-64QAM-23205-25RB#0-4.456



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.1 MHz	-11.71 dBm		
T1		1	777.28222 MHz	8.74 dBm	Occ Bw	4.455544456 MHz
T2		1	781.73776 MHz	10.18 dBm		
M2		1	779.18 MHz	14.31 dBm		
D3	M1	1	4.82 MHz	-0.54 dB		

Date: 11.AUG.2020 08:46:27

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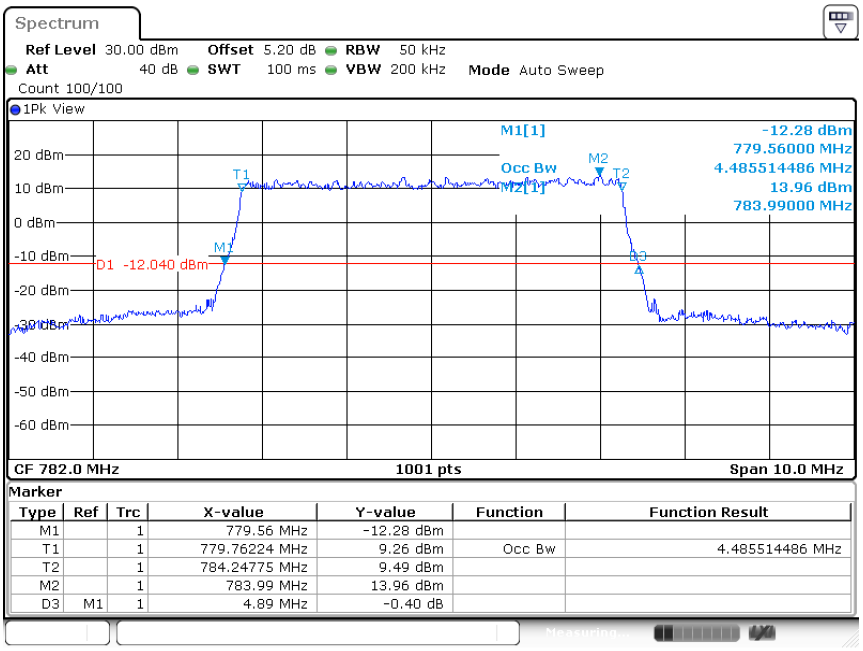
Band13-5MHz-64QAM-23230-25RB#0-4.486



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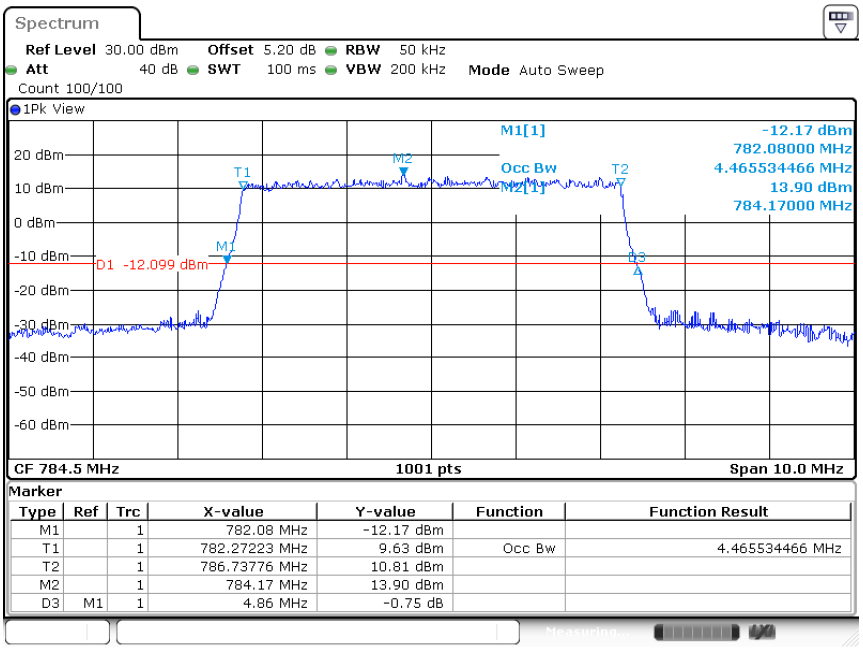
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	779.56 MHz	-12.28 dBm		
T1		1	779.76224 MHz	9.26 dBm	Occ Bw	4.485514486 MHz
T2		1	784.24775 MHz	9.49 dBm		
M2		1	783.99 MHz	13.96 dBm		
D3	M1	1	4.89 MHz	-0.40 dB		

Date: 11.AUG.2020 08:46:47

Band13-5MHz-64QAM-23255-25RB#0-4.466



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	782.08 MHz	-12.17 dBm		
T1		1	782.27223 MHz	9.63 dBm	Occ Bw	4.465534466 MHz
T2		1	786.73776 MHz	10.81 dBm		
M2		1	784.17 MHz	13.90 dBm		
D3	M1	1	4.86 MHz	-0.75 dB		

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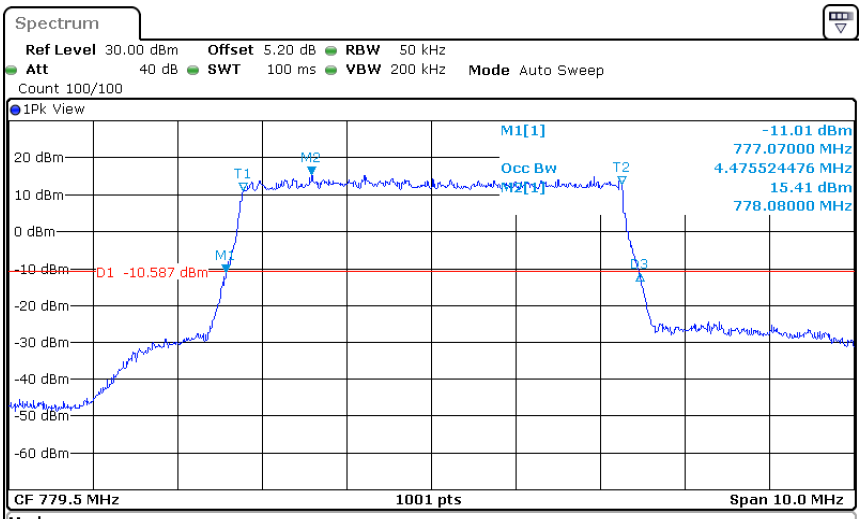
Band13-5MHz-16QAM-23205-25RB#0-4.476



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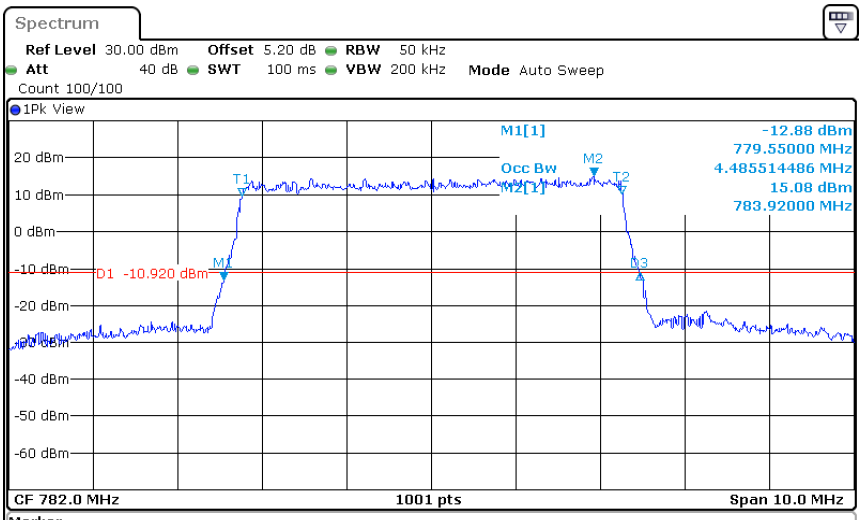
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.07 MHz	-11.01 dBm		
T1		1	777.27223 MHz	10.99 dBm	Occ Bw	4.475524476 MHz
T2		1	781.74775 MHz	12.88 dBm		
M2		1	778.08 MHz	15.41 dBm		
D3	M1	1	4.89 MHz	-0.13 dB		

Date: 16.JUL.2020 01:56:33

Band13-5MHz-16QAM-23230-25RB#0-4.486



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	779.55 MHz	-12.88 dBm		
T1		1	779.76224 MHz	9.56 dBm	Occ Bw	4.485514486 MHz
T2		1	784.24775 MHz	10.32 dBm		
M2		1	783.92 MHz	15.08 dBm		
D3	M1	1	4.92 MHz	1.90 dB		

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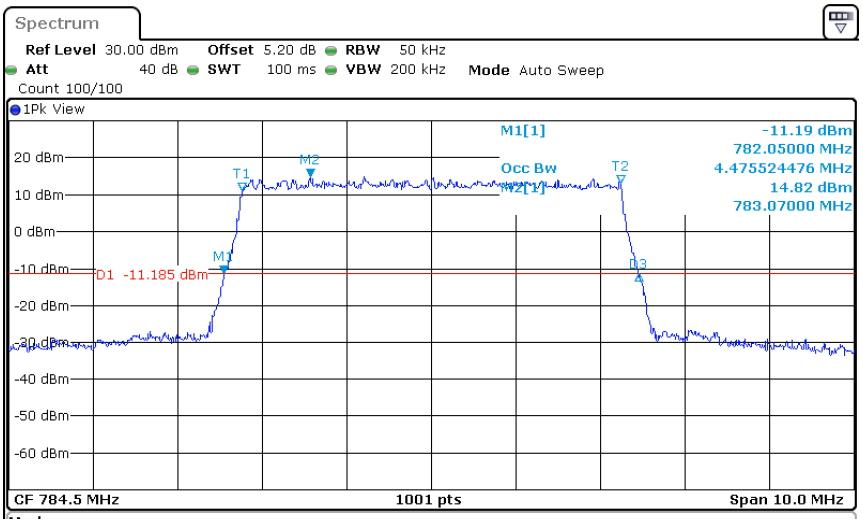
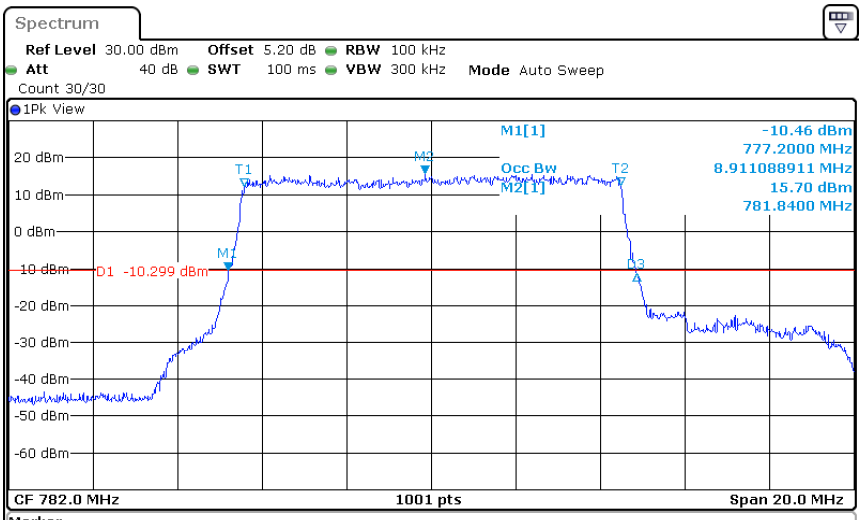


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	782.05 MHz	-11.19 dBm		
T1		1	782.26224 MHz	11.25 dBm	Occ Bw	4.475524476 MHz
T2		1	786.73776 MHz	13.13 dBm		
M2		1	783.07 MHz	14.82 dBm		
D3	M1	1	4.9 MHz	-0.02 dB		

Date: 16.JUL.2020 01:57:51

Band13-10MHz-QPSK-23230-50RB#0-8.911



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Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.2 MHz	-10.46 dBm		
T1		1	777.5644 MHz	12.39 dBm	Occ Bw	8.911088911 MHz
T2		1	786.4755 MHz	12.61 dBm		
M2		1	781.84 MHz	15.70 dBm		
D3	M1	1	9.66 MHz	-0.93 dB		

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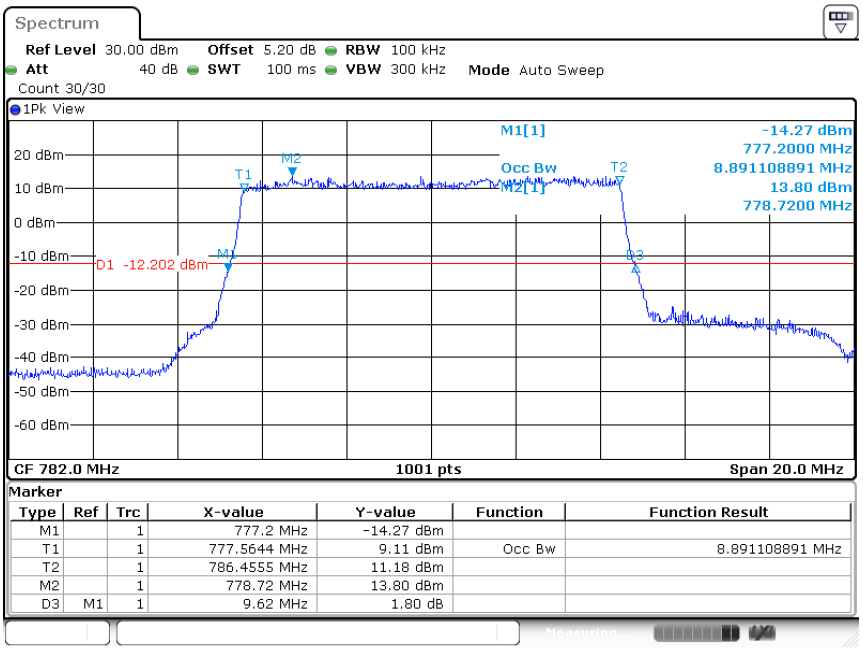
Band13-10MHz-64QAM-23230-50RB#0-8.891



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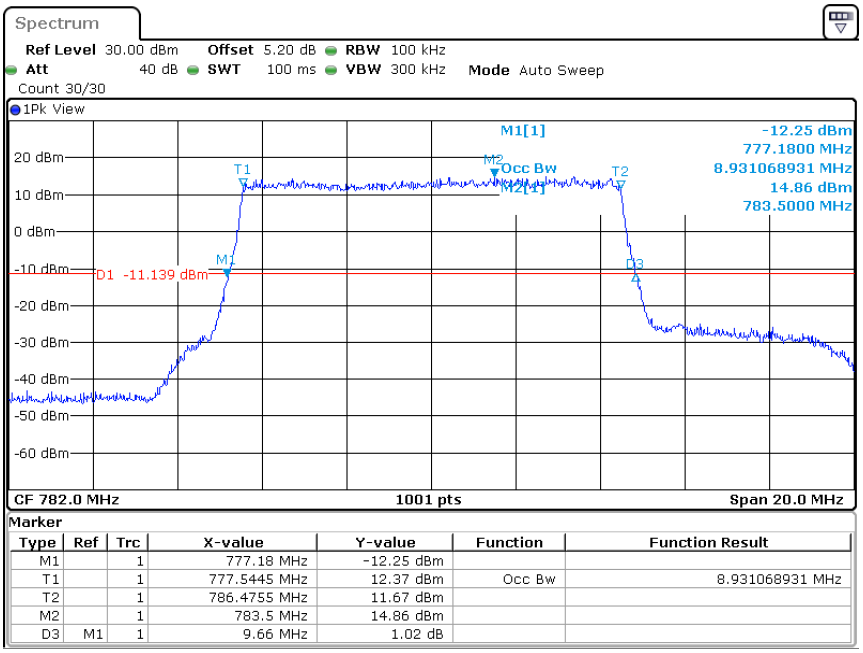
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.2 MHz	-14.27 dBm		
T1		1	777.5644 MHz	9.11 dBm	Occ Bw	8.891108891 MHz
T2		1	786.4555 MHz	11.18 dBm		
M2		1	778.72 MHz	13.80 dBm		
D3	M1	1	9.62 MHz	1.80 dB		

Date: 11.AUG.2020 08:47:27

Band13-10MHz-16QAM-23230-50RB#0-8.931



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	777.18 MHz	-12.25 dBm		
T1		1	777.5445 MHz	12.37 dBm	Occ Bw	8.931068931 MHz
T2		1	786.4755 MHz	11.67 dBm		
M2		1	783.5 MHz	14.86 dBm		
D3	M1	1	9.66 MHz	1.02 dB		

Date: 16.JUL.2020 01:58:21

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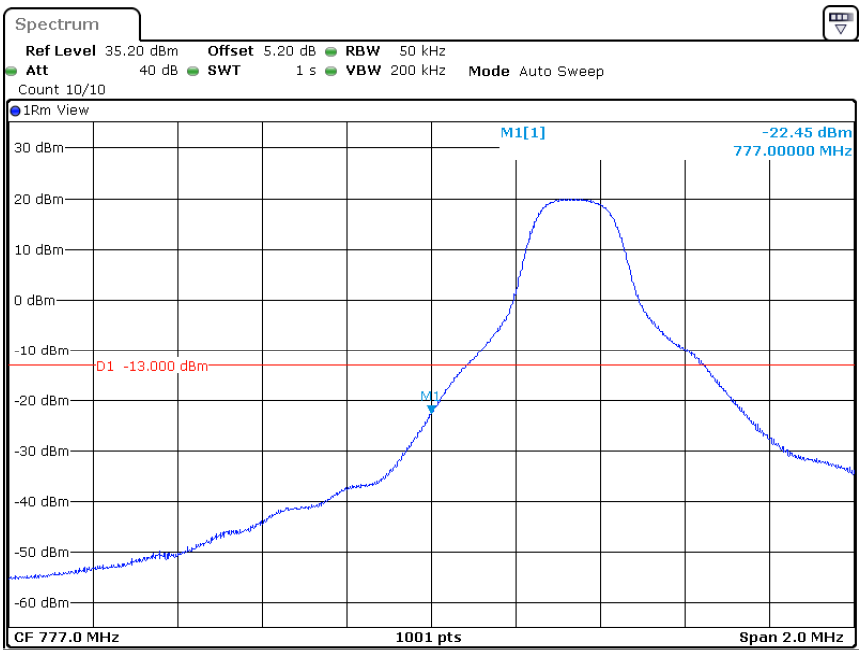
5. Band Edge Compliance

5.1. Test Plots

Band13-5MHz-QPSK-23205-1RB#0



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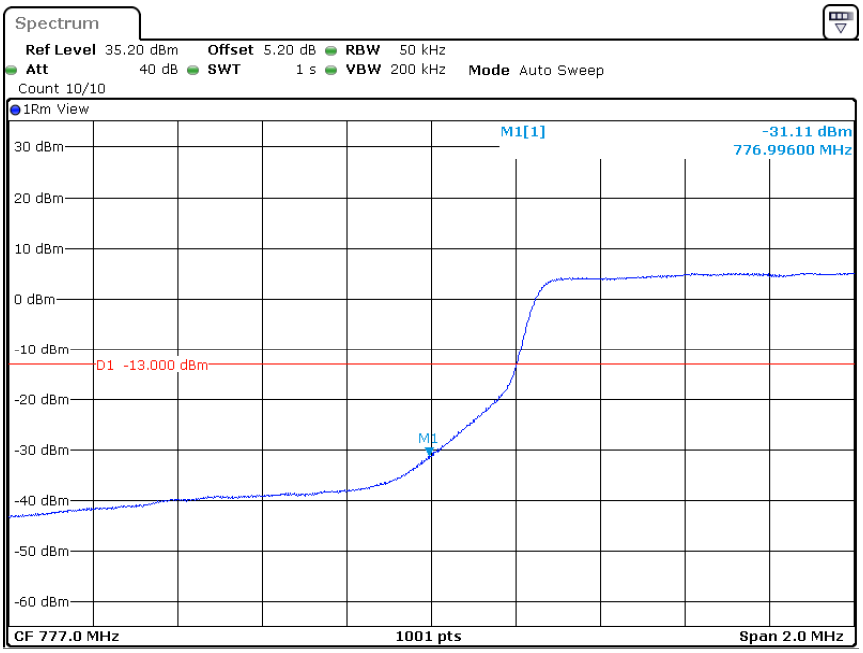
Band13-5MHz-QPSK-23205-25RB#0



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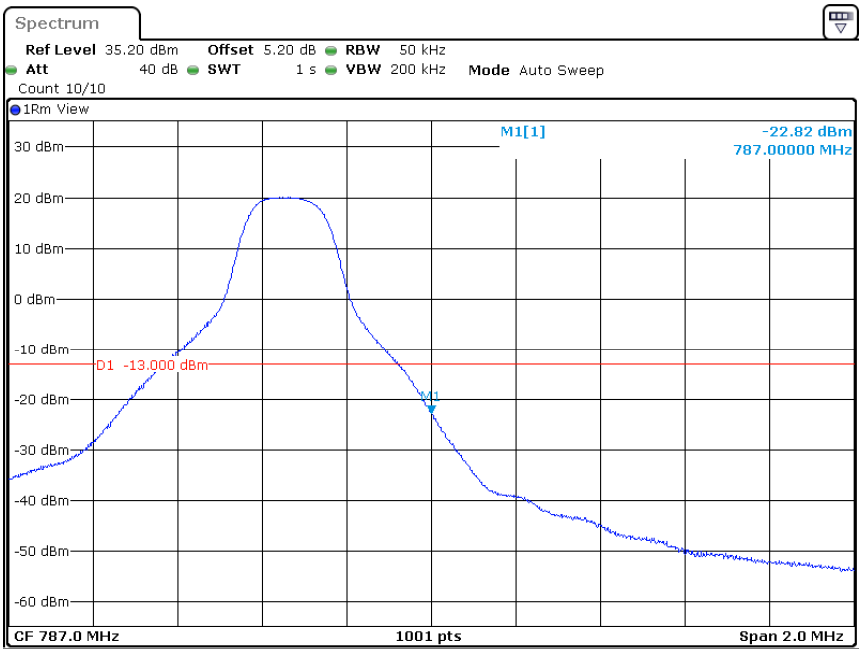
Band13-5MHz-QPSK-23255-1RB#24



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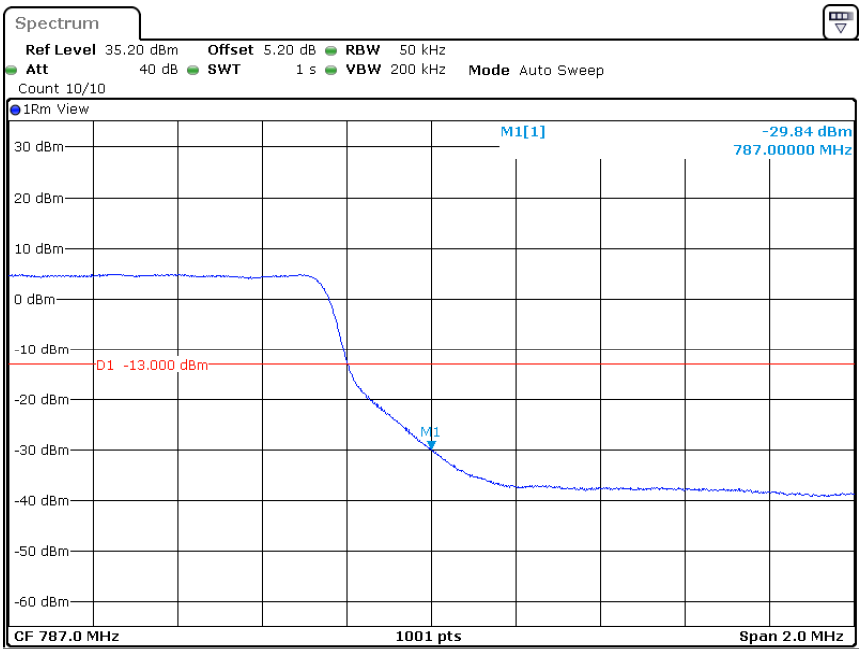
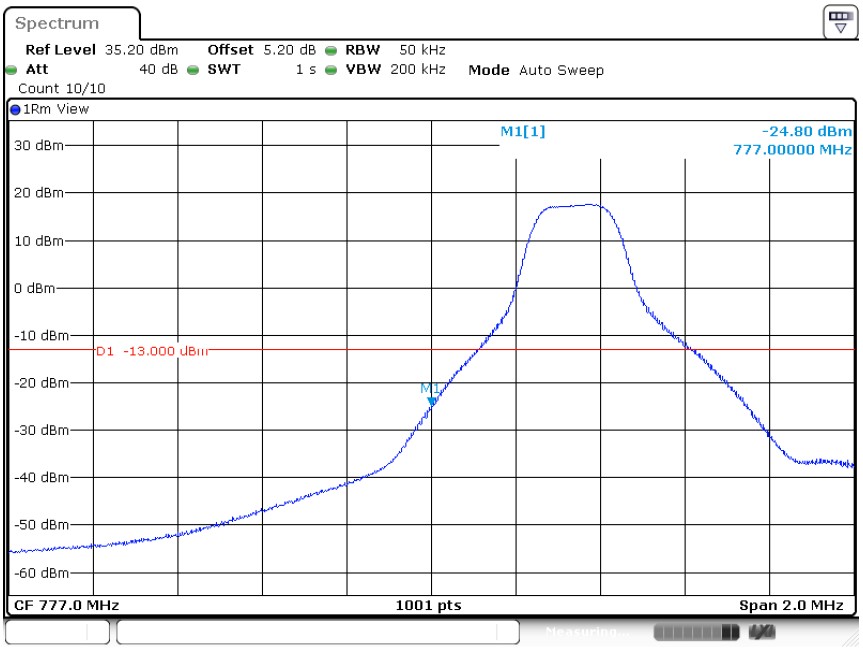


Date: 16.JUL.2020 02:00:53

Band13-5MHz-64QAM-23205-1RB#0



Date: 11.AUG.2020 08:47:54

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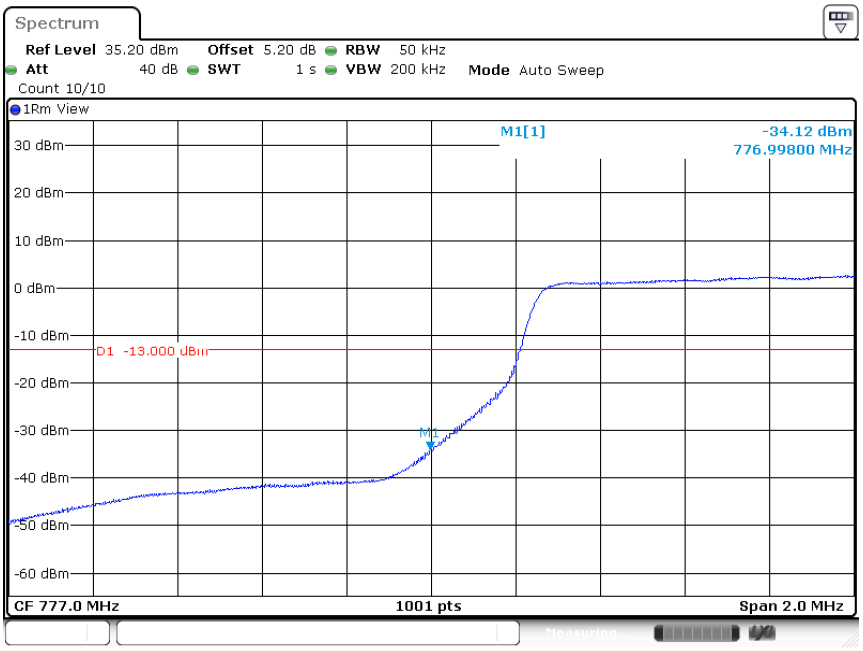
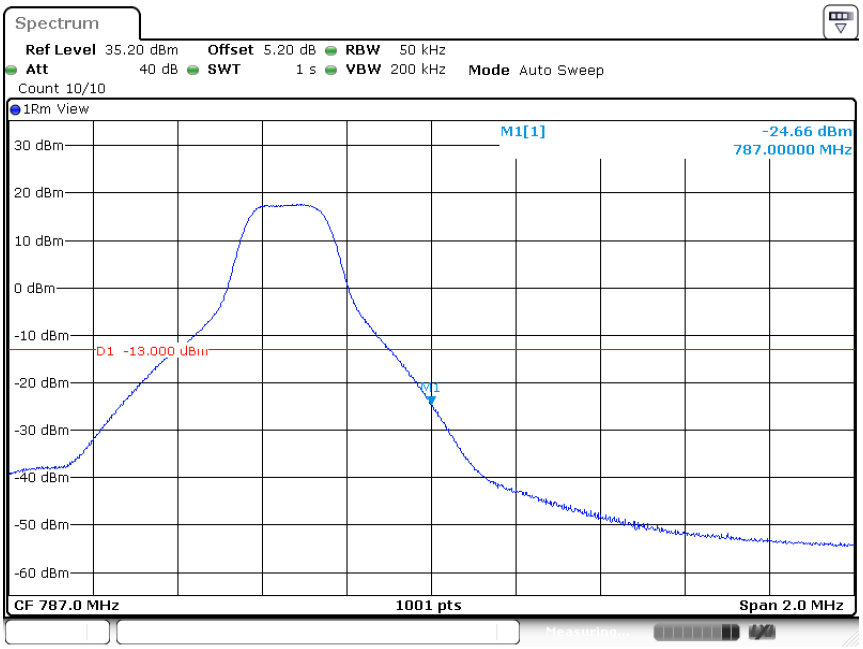
Band13-5MHz-64QAM-23205-25RB#0



Date: 11.AUG.2020 08:48:14

Band13-5MHz-64QAM-23255-1RB#24



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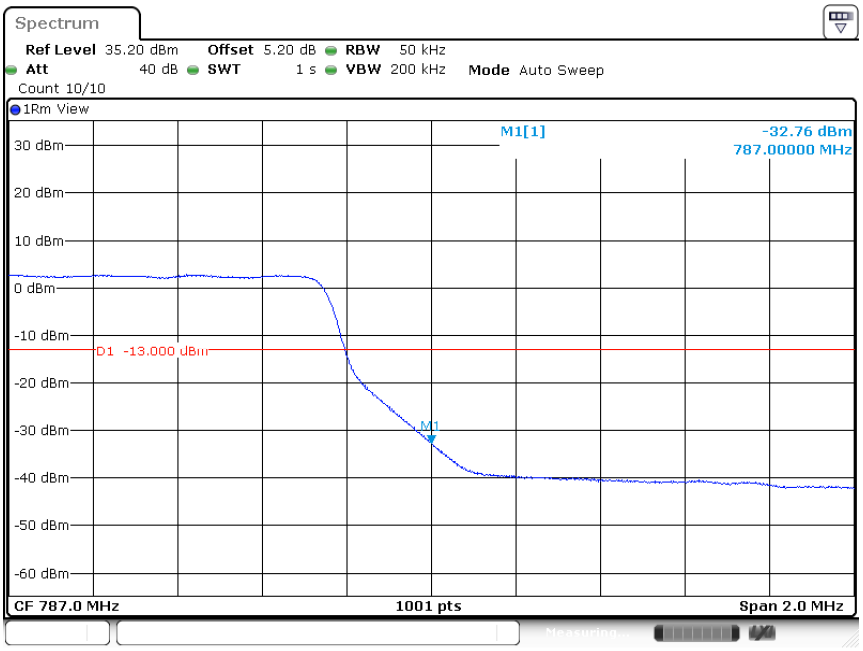

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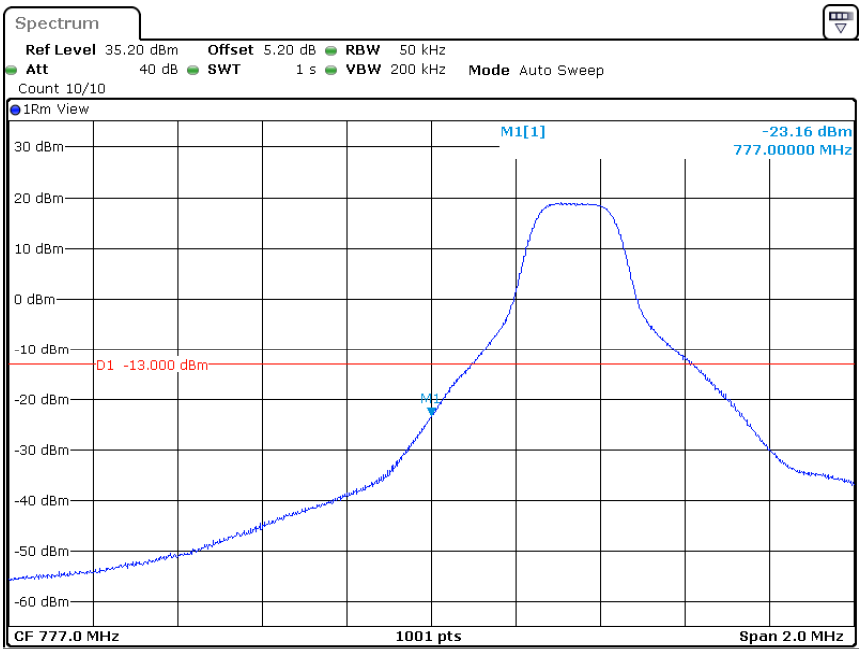

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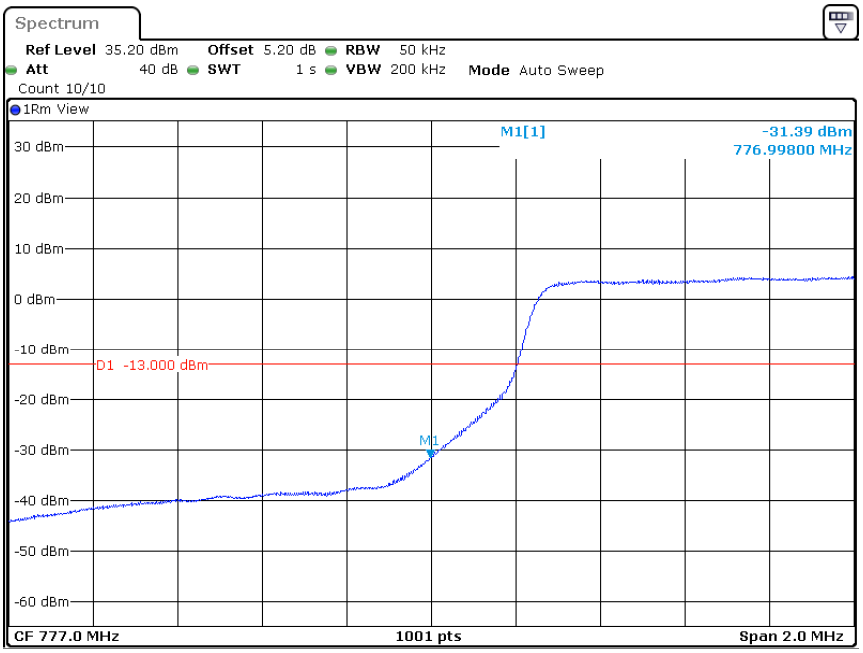

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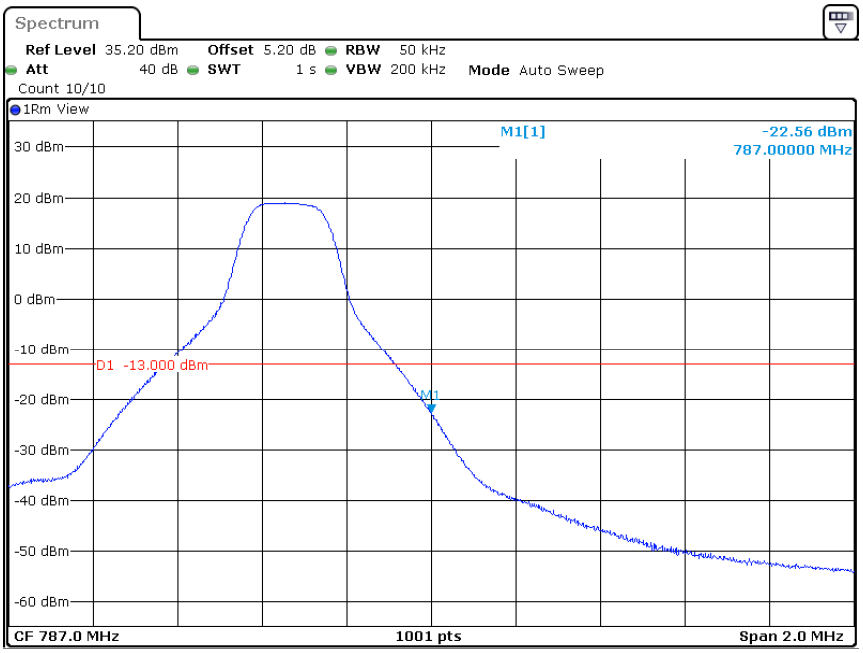
Band13-5MHz-16QAM-23255-1RB#24



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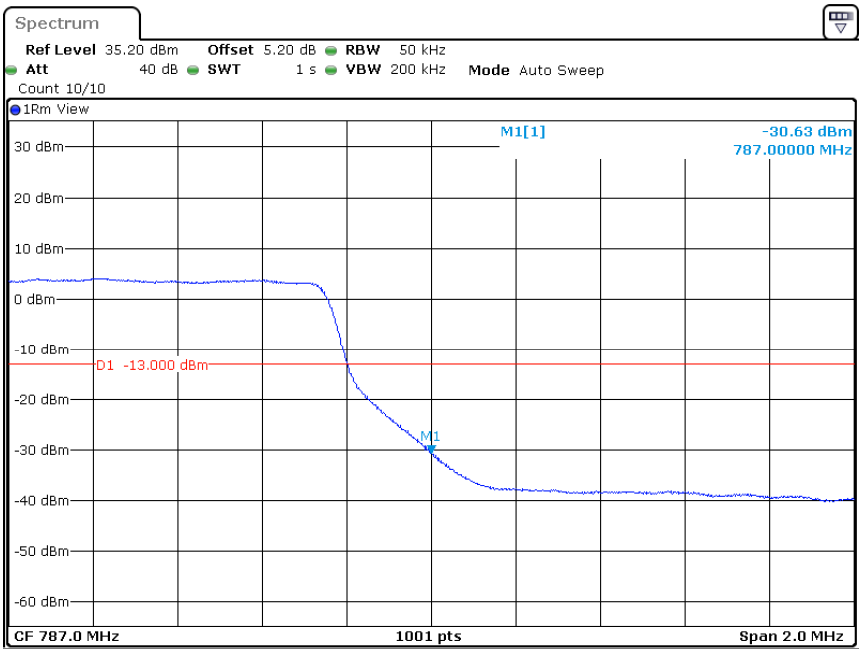
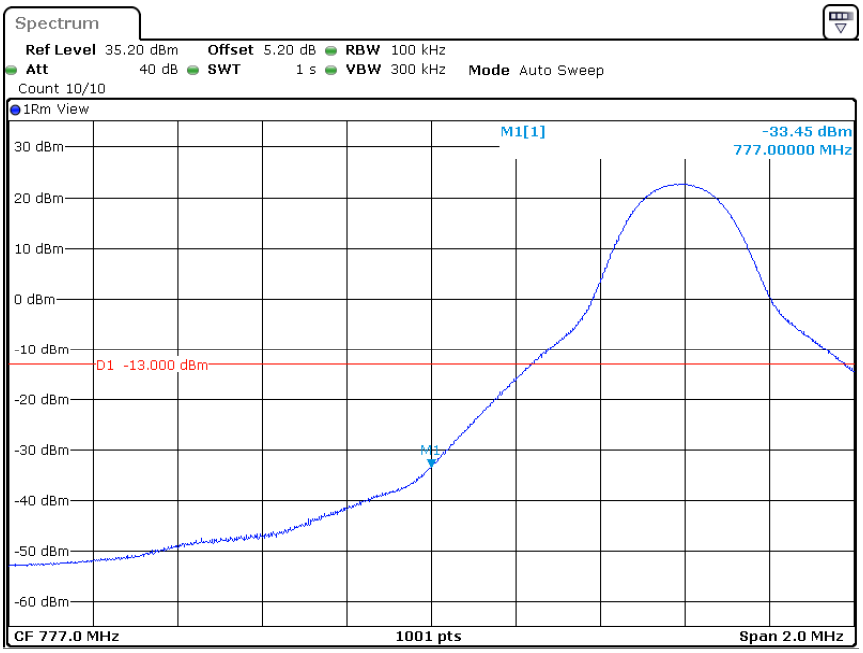


Date: 16.JUL.2020 02:01:14

Band13-10MHz-QPSK-23230_Left-1RB#0



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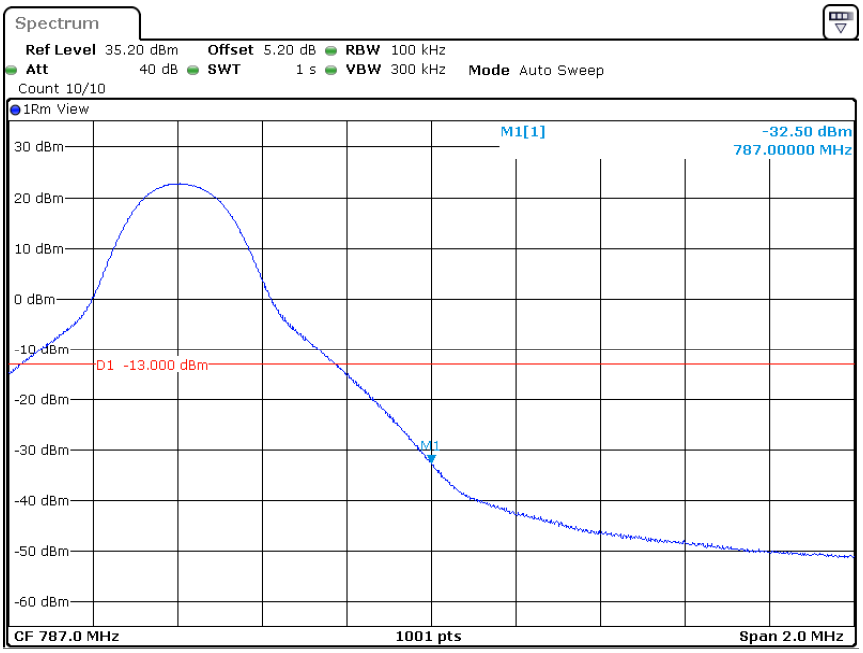
Band13-10MHz-QPSK-23230_Right-1RB#49



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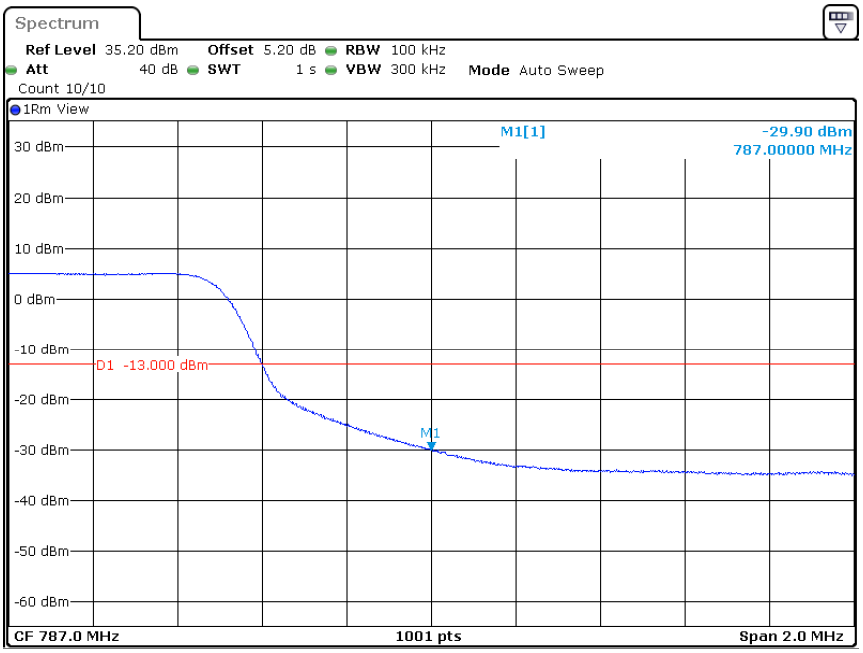

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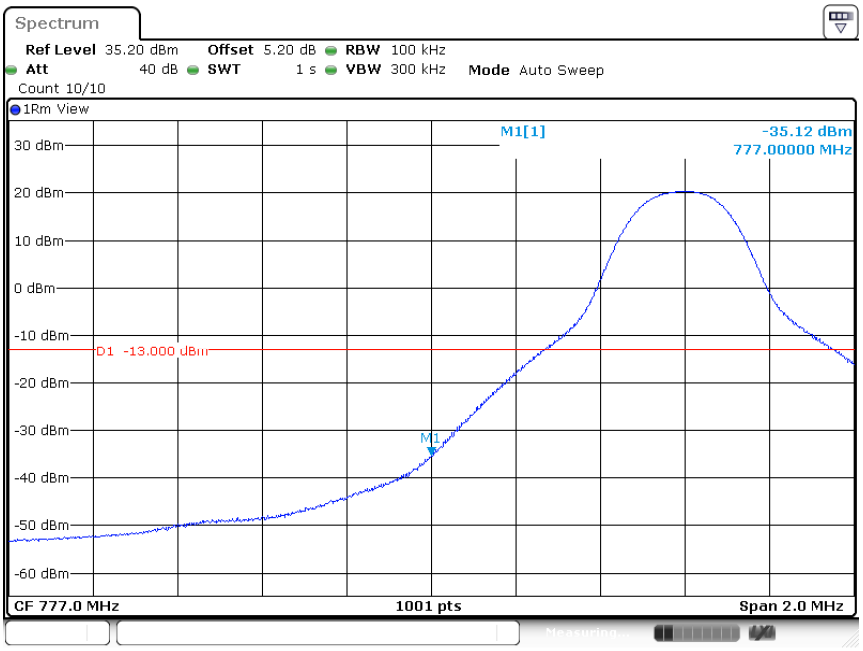

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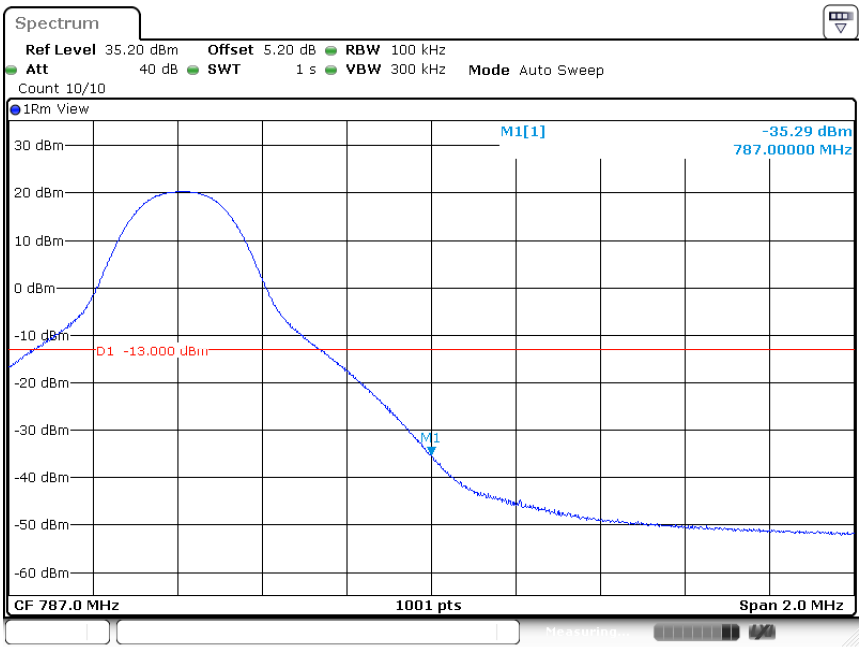

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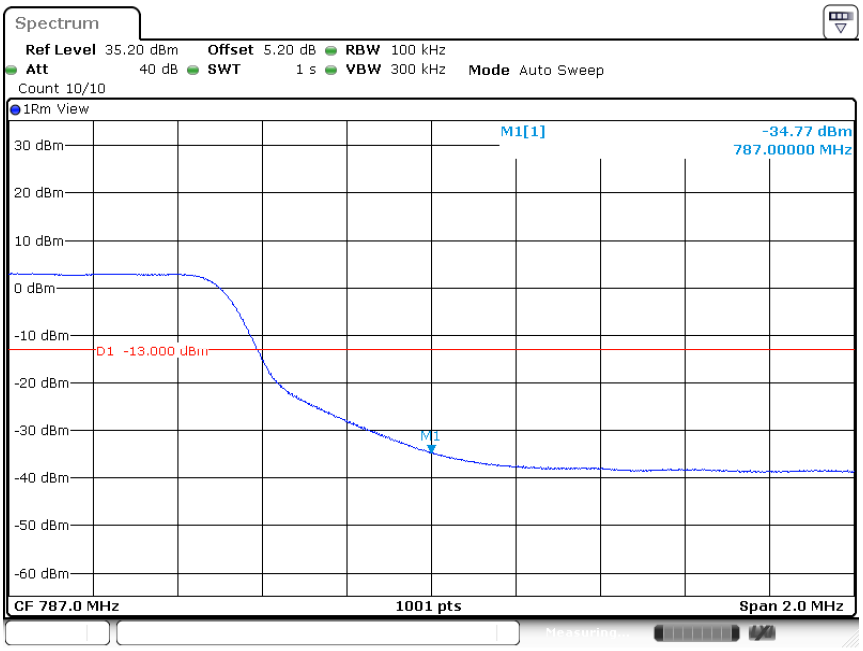
Band13-10MHz-64QAM-23230_Right-50RB#0



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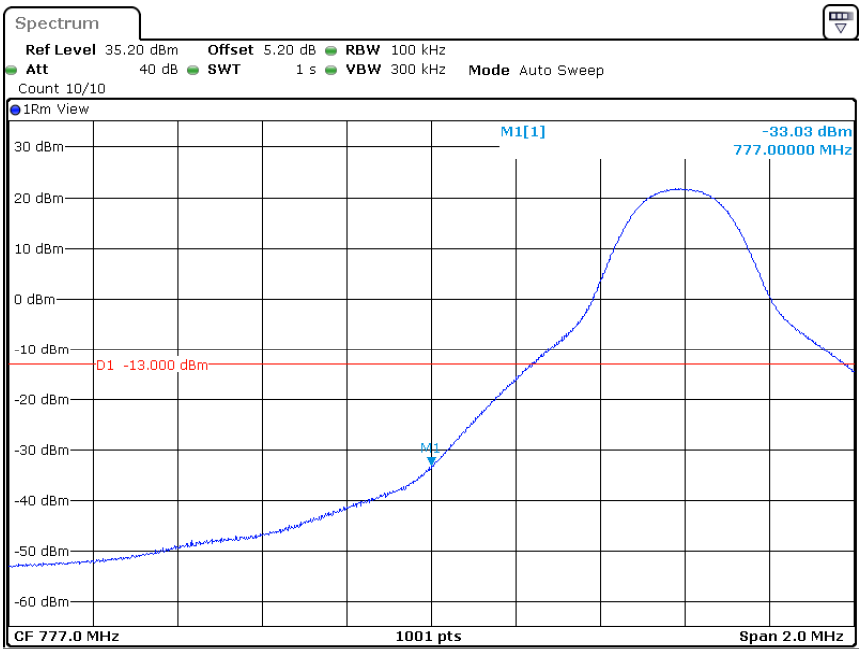

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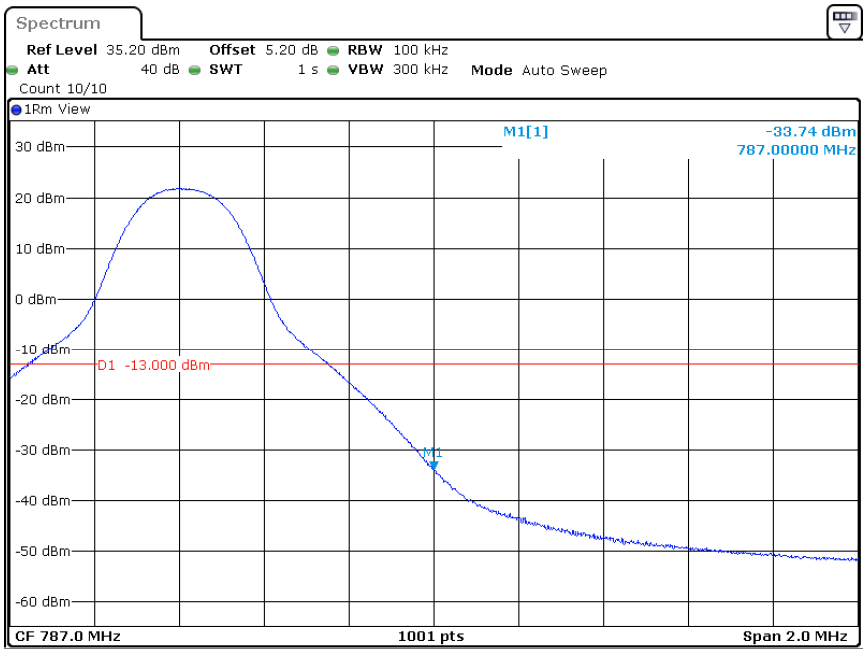
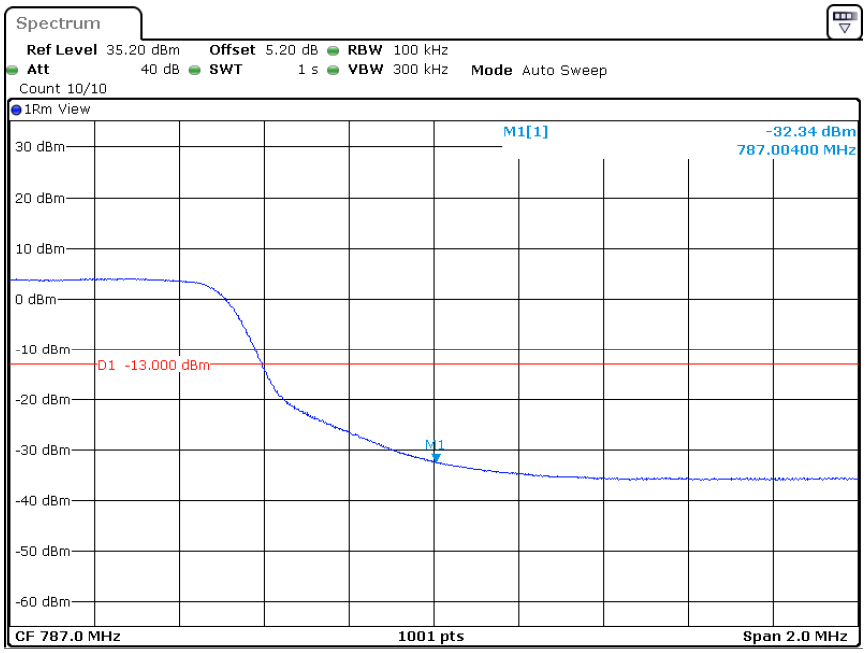
Band13-10MHz-16QAM-23230_Right-1RB#49



Date: 16.JUL.2020 02:02:44

Band13-10MHz-16QAM-23230_Right-50RB#0



Date: 16.JUL.2020 02:03:25

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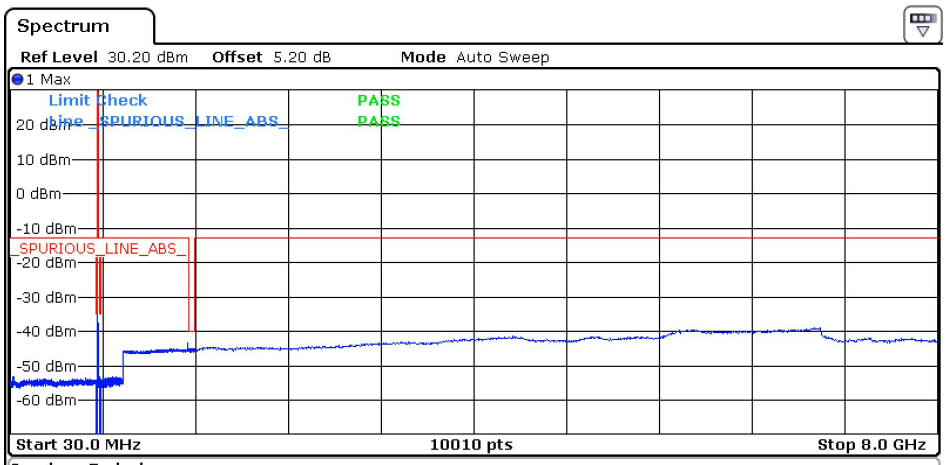
6. Spurious Emission at Antenna Terminal

Remark1: For the averaged unwanted emissions measurements, the measurement points in each sweep is greater than twice the Span/RBW in order to ensure bin-to-bin spacing of < RBW/2 so that narrowband signals are not lost between frequency bins. As to the present test item, the "Measurement Points = k * (Span / RBW)" with k between 4 and 5, which results in an acceptable level error of less than 0.5 dB.

Remark2: only the worst case data displayed in this report.

6.1. Test Plots

Band13-10MHz-QPSK-1RB#0-23230



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	587.62188 MHz	-53.72 dBm	-40.72 dB
763.000 MHz	775.000 MHz	6.250 kHz	767.36963 MHz	-62.91 dBm	-27.91 dB
775.000 MHz	776.000 MHz	100.000 kHz	775.97353 MHz	-51.52 dBm	-38.52 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.60040 MHz	22.94 dBm	-7.06 dB
788.000 MHz	793.000 MHz	100.000 kHz	788.86164 MHz	-53.03 dBm	-40.03 dB
793.000 MHz	805.000 MHz	6.250 kHz	798.01698 MHz	-61.95 dBm	-26.95 dB
805.000 MHz	1.000 GHz	100.000 kHz	939.90260 MHz	-53.14 dBm	-40.14 dB
1.000 GHz	1.559 GHz	1.000 MHz	1.55537 GHz	-43.40 dBm	-30.40 dB
1.559 GHz	1.610 GHz	1.000 MHz	1.58852 GHz	-45.07 dBm	-5.07 dB
1.610 GHz	8.000 GHz	1.000 MHz	6.94351 GHz	-39.08 dBm	-26.08 dB

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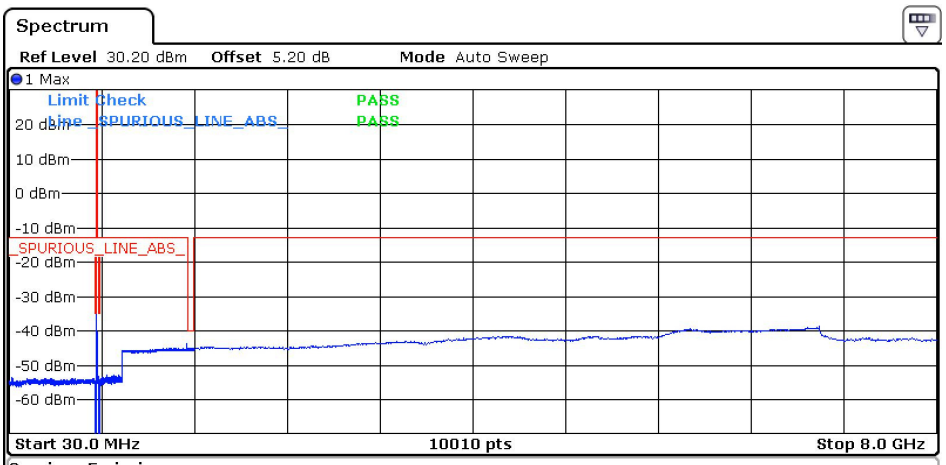
Band13-10MHz-16QAM-1RB#0-23230



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	55.26324 MHz	-53.60 dBm	-40.60 dB
763.000 MHz	775.000 MHz	6.250 kHz	769.70729 MHz	-61.24 dBm	-26.24 dB
775.000 MHz	776.000 MHz	100.000 kHz	775.93357 MHz	-51.58 dBm	-38.58 dB
776.000 MHz	788.000 MHz	100.000 kHz	777.54046 MHz	22.02 dBm	-7.98 dB
788.000 MHz	793.000 MHz	100.000 kHz	789.40110 MHz	-52.75 dBm	-39.75 dB
793.000 MHz	805.000 MHz	6.250 kHz	796.08691 MHz	-61.92 dBm	-26.92 dB
805.000 MHz	1.000 GHz	100.000 kHz	930.35714 MHz	-52.79 dBm	-39.79 dB
1.000 GHz	1.559 GHz	1.000 MHz	1.55537 GHz	-43.72 dBm	-30.72 dB
1.559 GHz	1.610 GHz	1.000 MHz	1.58608 GHz	-44.97 dBm	-4.97 dB
1.610 GHz	8.000 GHz	1.000 MHz	6.99458 GHz	-38.76 dBm	-25.76 dB

Date: 16.JUL.2020 09:13:12

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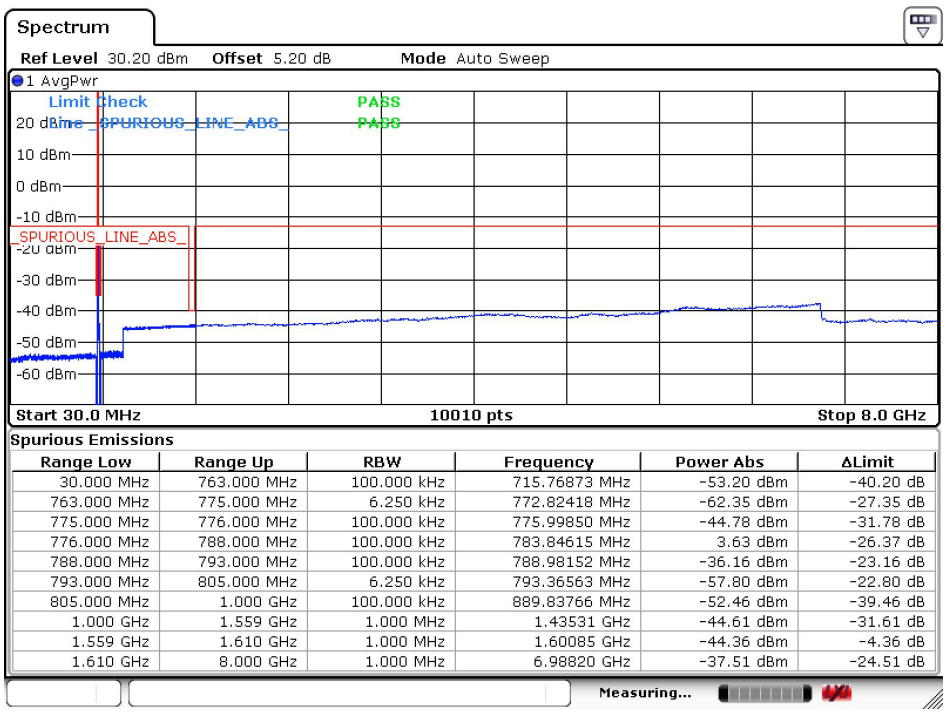
Band13-10MHz-64QAM-1RB#0-23230



Spurious Emissions

Range Low	Range Up	RBW	Frequency	Power Abs	ΔLimit
30.000 MHz	763.000 MHz	100.000 kHz	715.76873 MHz	-53.20 dBm	-40.20 dB
763.000 MHz	775.000 MHz	6.250 kHz	772.82418 MHz	-62.35 dBm	-27.35 dB
775.000 MHz	776.000 MHz	100.000 kHz	775.99850 MHz	-44.78 dBm	-31.78 dB
776.000 MHz	788.000 MHz	100.000 kHz	783.84615 MHz	3.63 dBm	-26.37 dB
788.000 MHz	793.000 MHz	100.000 kHz	788.98152 MHz	-36.16 dBm	-23.16 dB
793.000 MHz	805.000 MHz	6.250 kHz	793.36563 MHz	-57.80 dBm	-22.80 dB
805.000 MHz	1.000 GHz	100.000 kHz	889.83766 MHz	-52.46 dBm	-39.46 dB
1.000 GHz	1.559 GHz	1.000 MHz	1.43531 GHz	-44.61 dBm	-31.61 dB
1.559 GHz	1.610 GHz	1.000 MHz	1.60085 GHz	-44.36 dBm	-4.36 dB
1.610 GHz	8.000 GHz	1.000 MHz	6.98820 GHz	-37.51 dBm	-24.51 dB

Date: 26.AUG.2020 10:59:31

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7. Field Strength of Spurious Radiation

7.1. Test Mode =LTE/TM1 10MHz

7.1.1.Test Channel = MCH

Frequency (MHz)	Level (dBm)	Limit Line (dBm)	Margin (dB)	Polarization
73.7977	-66.19	-13.00	53.19	Vertical
373.3002	-67.75	-13.00	54.75	Vertical
1699.7399	-62.20	-13.00	49.20	Vertical
3000.0000	-56.42	-13.00	43.42	Vertical
7448.5779	-56.07	-13.00	43.07	Vertical
17994.5998	-40.37	-13.00	27.37	Vertical
44.6477	-64.93	-13.00	51.93	Horizontal
230.0725	-69.05	-13.00	56.05	Horizontal
1554.9110	-62.47	-13.00	49.47	Horizontal
2696.3393	-56.38	-13.00	43.38	Horizontal
7452.1781	-56.16	-13.00	43.16	Horizontal
16399.1360	-43.70	-13.00	30.70	Horizontal

Remark:

1 According to 971168 D01 Power Meas License Digital Systems, The amplitudes of unwanted emissions that are attenuated more than 20 dB below the applicable limit are not required to be reported.

2 The disturbance below 30MHz was very low, and the above harmonics were the highest point could be found when testing, so only the worst case data displayed in this report.

3 all modulation and all Bandwidth had been tested, but only the worst case data displayed in this report.

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8. Frequency Stability

8.1. Frequency Vs Voltage

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (°C)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	VL	NT	0.00	0.000000	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VN	NT	3.30	0.004220	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	VH	NT	2.80	0.003581	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VL	NT	0.70	0.000895	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VN	NT	2.20	0.002813	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	VH	NT	-5.10	-0.006522	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VL	NT	-0.10	-0.000128	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VN	NT	3.70	0.004731	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	VH	NT	-4.30	-0.005499	±2.5	PASS

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8.2. Frequency Vs Temperature

Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band13	10MHz	QPSK	23230	50RB#0	NV	-30	3.80	0.004859	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	-20	0.20	0.000256	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	0	-2.80	-0.003581	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	10	4.00	0.005115	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	20	-0.20	-0.000256	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	30	0.20	0.000256	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	40	-3.50	-0.004476	±2.5	PASS
Band13	10MHz	QPSK	23230	50RB#0	NV	50	-2.70	-0.003453	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-30	1.40	0.001790	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	-20	-4.60	-0.005882	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	0	-4.80	-0.006138	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	10	-3.20	-0.004092	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	20	-4.40	-0.005627	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	30	-1.90	-0.002430	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	40	-3.00	-0.003836	±2.5	PASS
Band13	10MHz	64QAM	23230	50RB#0	NV	50	-1.80	-0.002302	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-30	-4.30	-0.005499	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	-20	0.10	0.000128	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	0	0.80	0.001023	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	10	-1.20	-0.001535	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	20	2.60	0.003325	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	30	-4.20	-0.005371	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	40	-2.00	-0.002558	±2.5	PASS
Band13	10MHz	16QAM	23230	50RB#0	NV	50	-4.30	-0.005499	±2.5	PASS

The End

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