Product Name: GEM-OX-GU

Model: TE-304B-A12

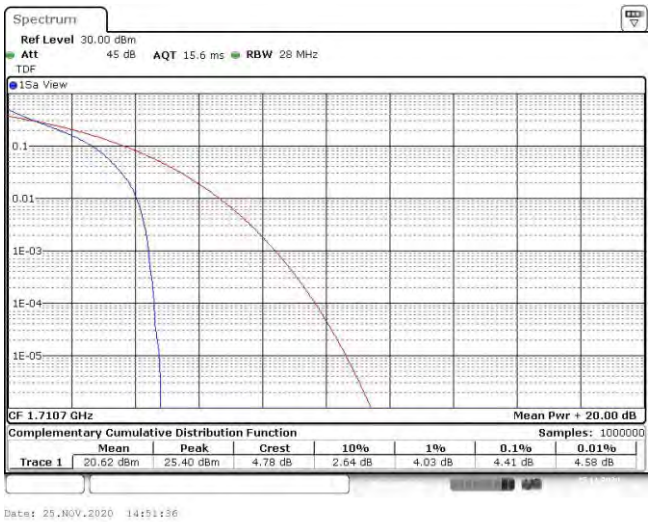
Appendix B: Peak-to-Average Ratio(CCDF)

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dB)	Limit(dB)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	4.41	13	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	5.30	13	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	3.88	13	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	5.45	13	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	6.20	13	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	4.78	13	PASS
Band66	3MHz	QPSK	131987	15RB#0	4.41	13	PASS
Band66	3MHz	QPSK	132322	15RB#0	5.33	13	PASS
Band66	3MHz	QPSK	132657	15RB#0	3.97	13	PASS
Band66	3MHz	16QAM	131987	15RB#0	5.36	13	PASS
Band66	3MHz	16QAM	132322	15RB#0	6.17	13	PASS
Band66	3MHz	16QAM	132657	15RB#0	4.87	13	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.41	13	PASS
Band66	5MHz	QPSK	132322	25RB#0	5.33	13	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.14	13	PASS
Band66	5MHz	16QAM	131997	25RB#0	5.33	13	PASS
Band66	5MHz	16QAM	132322	25RB#0	6.17	13	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.96	13	PASS
Band66	10MHz	QPSK	132022	50RB#0	4.35	13	PASS
Band66	10MHz	QPSK	132322	50RB#0	5.25	13	PASS
Band66	10MHz	QPSK	132622	50RB#0	4.43	13	PASS
Band66	10MHz	16QAM	132022	50RB#0	5.22	13	PASS
Band66	10MHz	16QAM	132322	50RB#0	6.09	13	PASS
Band66	10MHz	16QAM	132622	50RB#0	5.36	13	PASS
Band66	15MHz	QPSK	132047	75RB#0	4.58	13	PASS
Band66	15MHz	QPSK	132322	75RB#0	5.28	13	PASS
Band66	15MHz	QPSK	132597	75RB#0	4.78	13	PASS
Band66	15MHz	16QAM	132047	75RB#0	5.36	13	PASS
Band66	15MHz	16QAM	132322	75RB#0	6.06	13	PASS
Band66	15MHz	16QAM	132597	75RB#0	5.62	13	PASS
Band66	20MHz	QPSK	132072	100RB#0	4.64	13	PASS
Band66	20MHz	QPSK	132322	100RB#0	5.04	13	PASS
Band66	20MHz	QPSK	132572	100RB#0	4.81	13	PASS

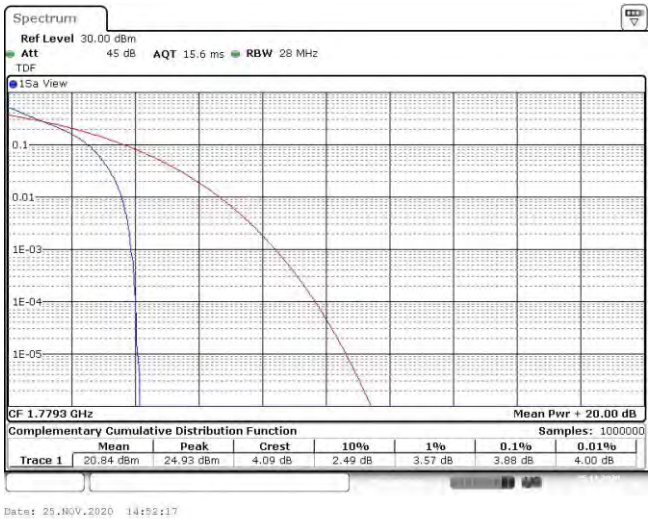
Band66	20MHz	16QAM	132072	100RB#0	5.54	13	PASS
Band66	20MHz	16QAM	132322	100RB#0	5.97	13	PASS
Band66	20MHz	16QAM	132572	100RB#0	5.74	13	PASS

Test Graphs

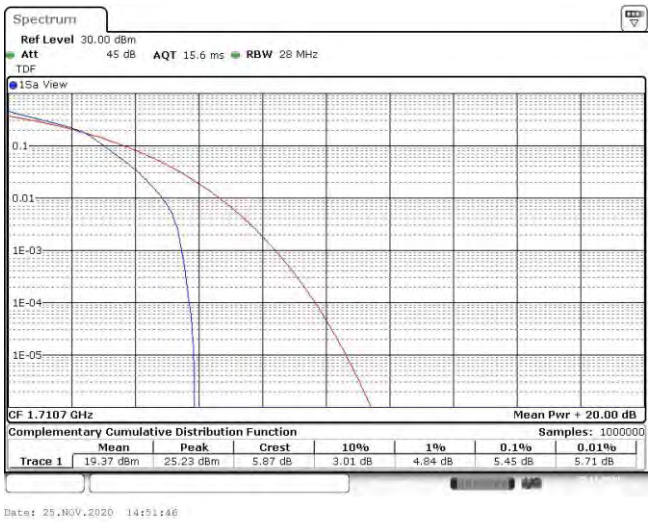
Band66-1.4MHz-QPSK-131979-6RB#0


Band66-1.4MHz-QPSK-132322-6RB#0

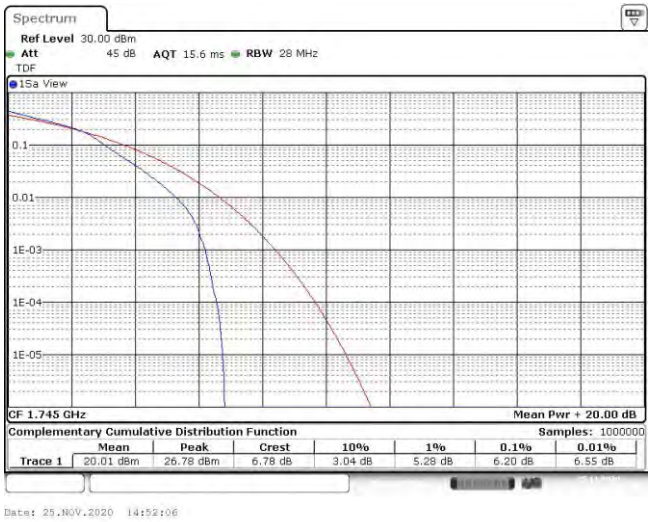
Band66-1.4MHz-QPSK-132665-6RB#0



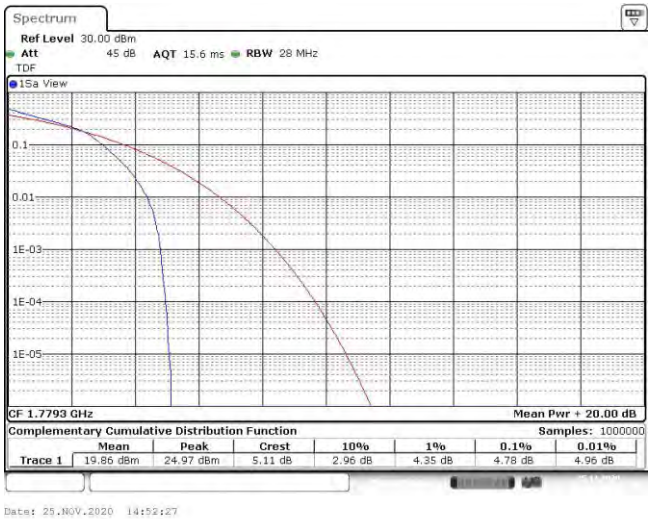
Band66-1.4MHz-16QAM-131979-6RB#0



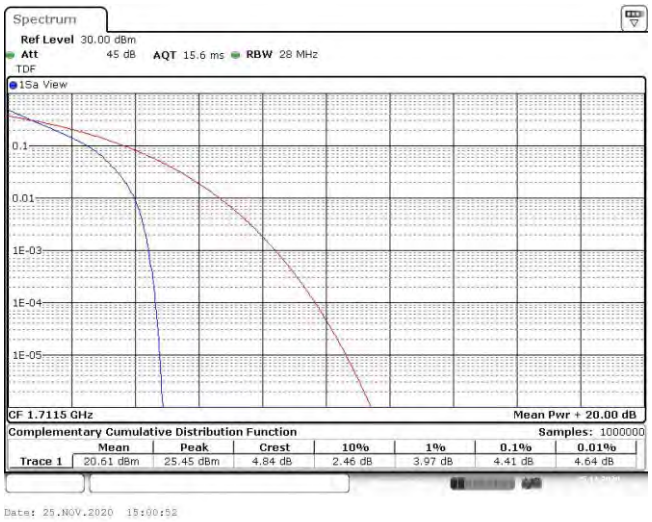
Band66-1.4MHz-16QAM-132322-6RB#0



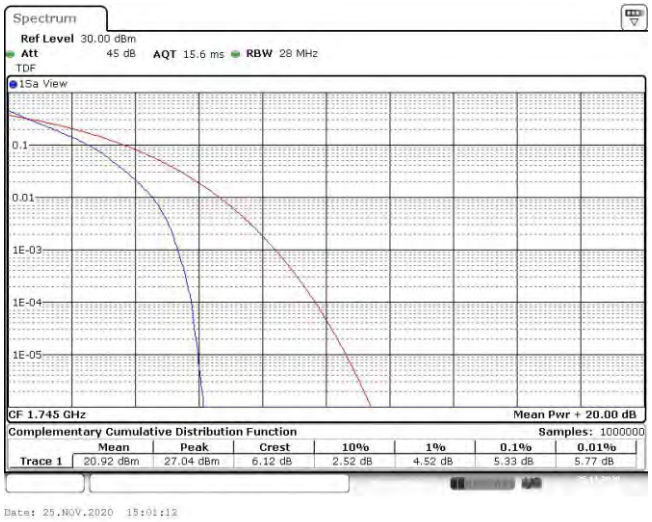
Band66-1.4MHz-16QAM-132665-6RB#0



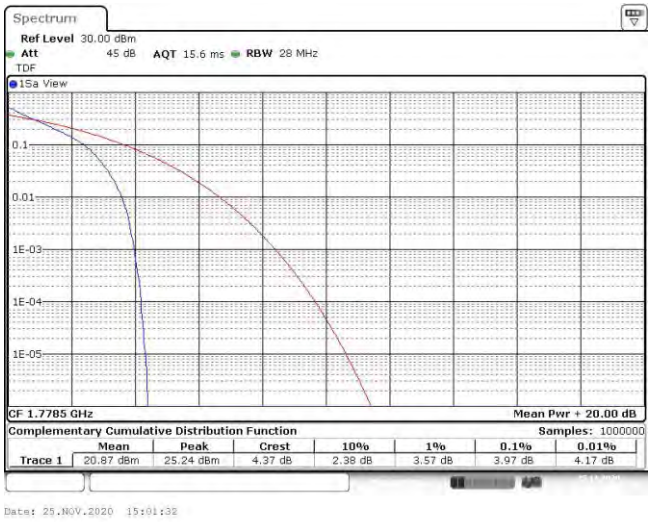
Band66-3MHz-QPSK-131987-15RB#0



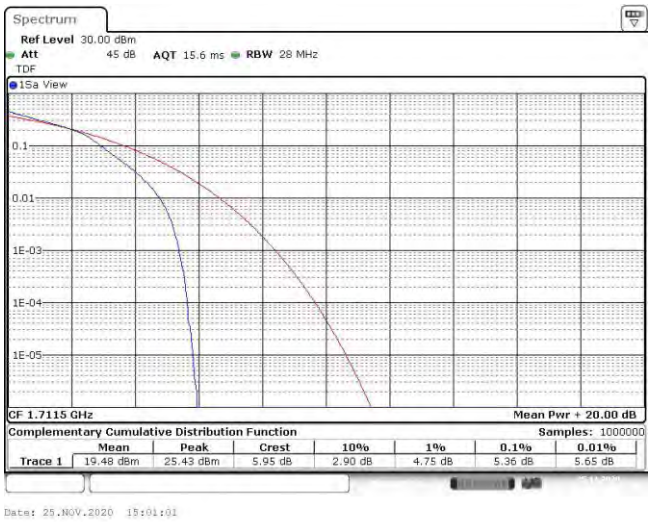
Band66-3MHz-QPSK-132322-15RB#0



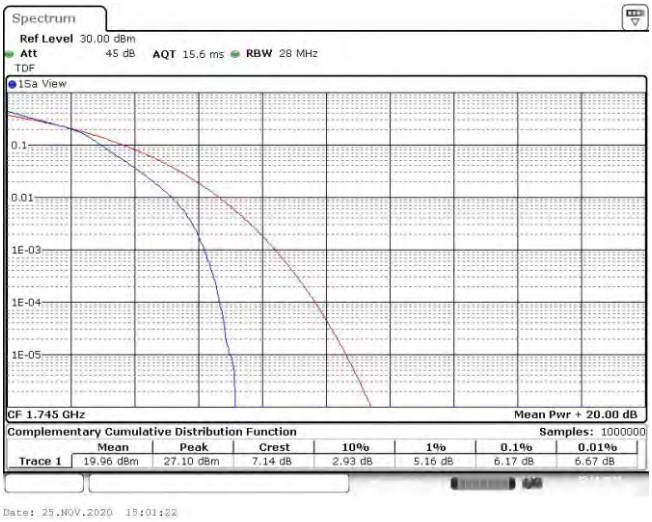
Band66-3MHz-QPSK-132657-15RB#0



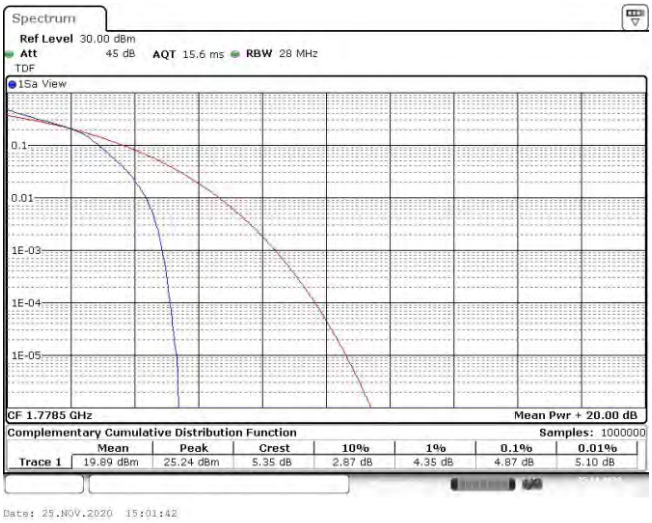
Band66-3MHz-16QAM-131987-15RB#0



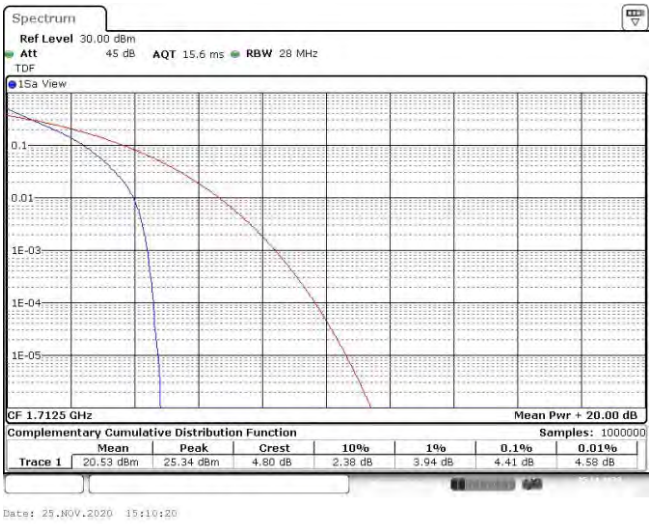
Band66-3MHz-16QAM-132322-15RB#0



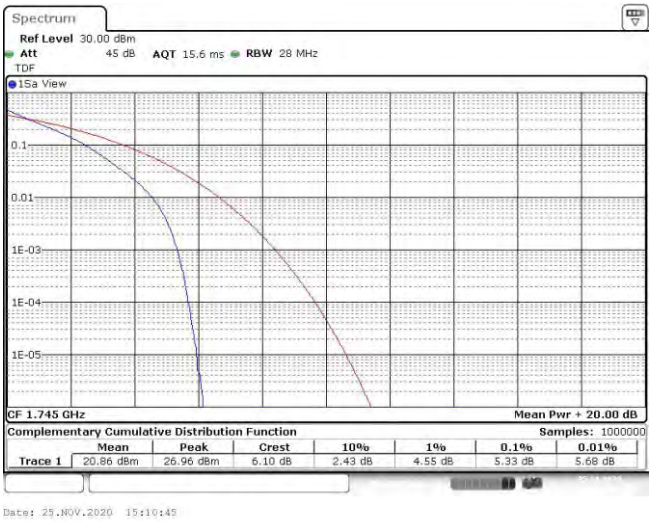
Band66-3MHz-16QAM-132657-15RB#0



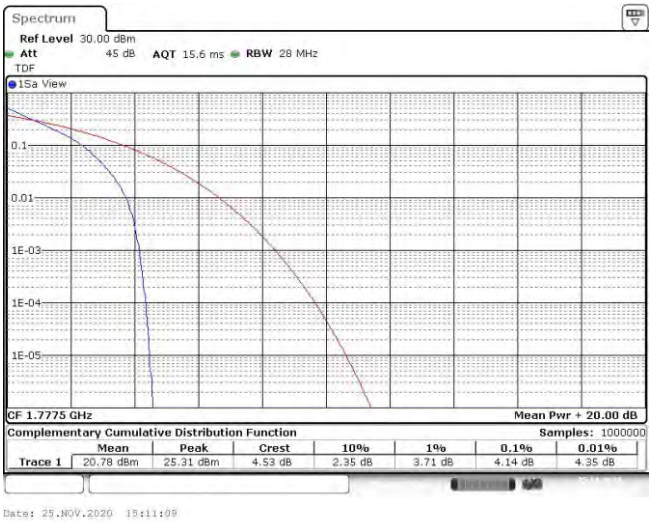
Band66-5MHz-QPSK-131997-25RB#0



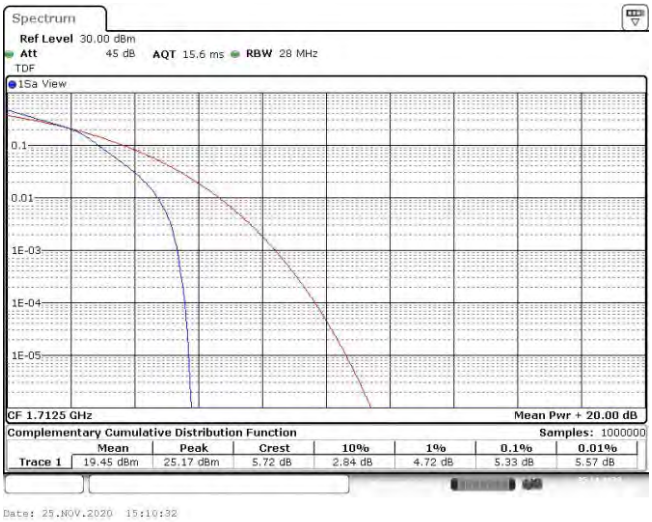
Band66-5MHz-QPSK-132322-25RB#0



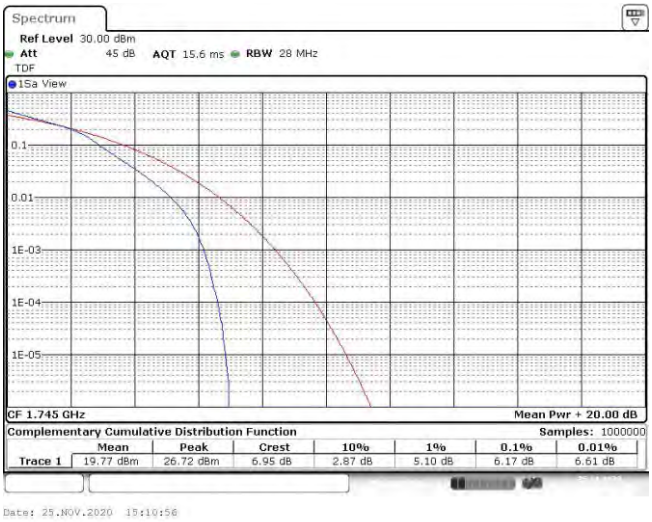
Band66-5MHz-QPSK-132647-25RB#0



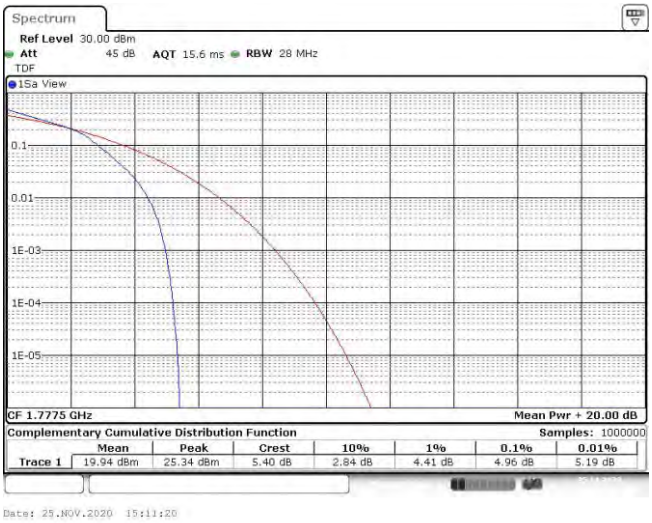
Band66-5MHz-16QAM-131997-25RB#0



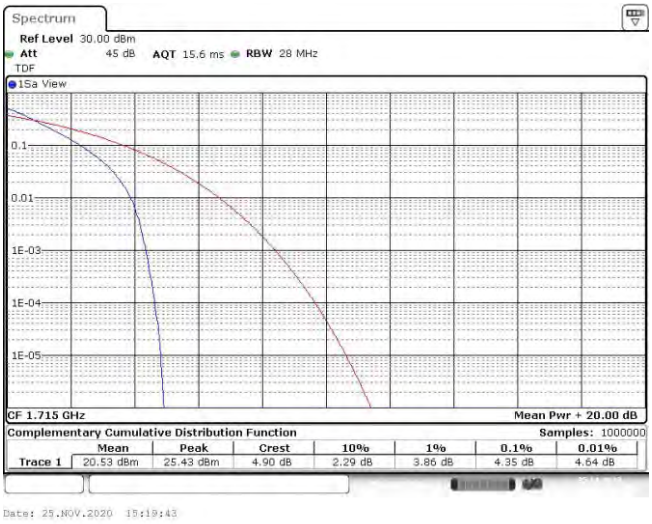
Band66-5MHz-16QAM-132322-25RB#0



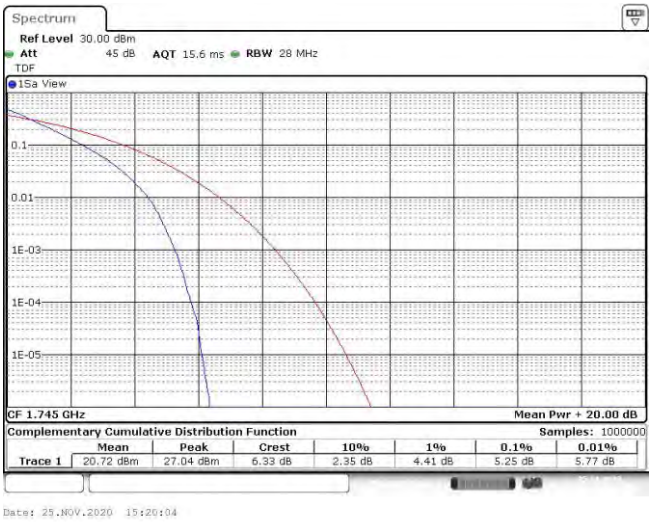
Band66-5MHz-16QAM-132647-25RB#0



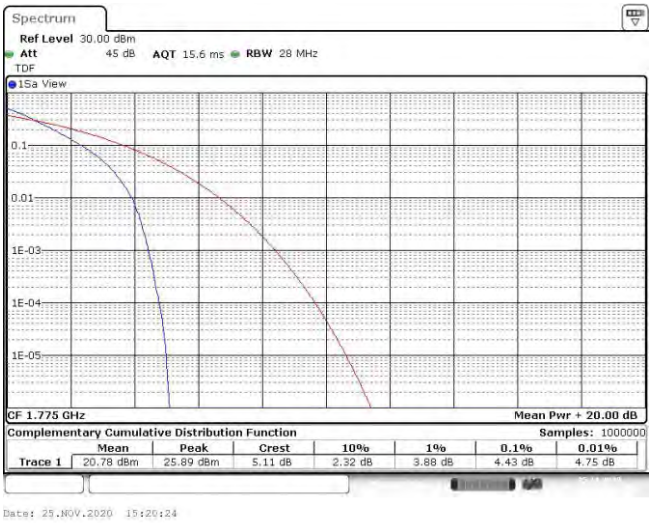
Band66-10MHz-QPSK-132022-50RB#0



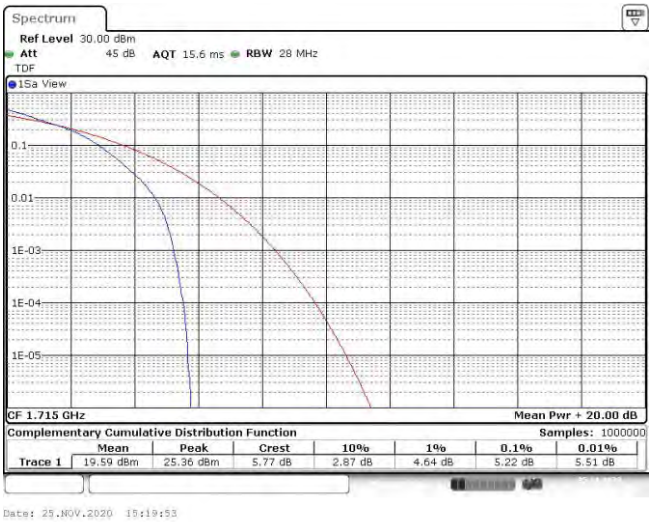
Band66-10MHz-QPSK-132322-50RB#0



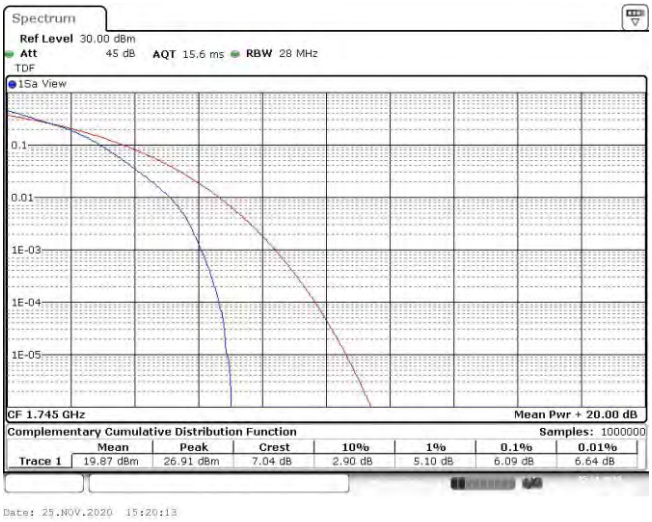
Band66-10MHz-QPSK-132622-50RB#0



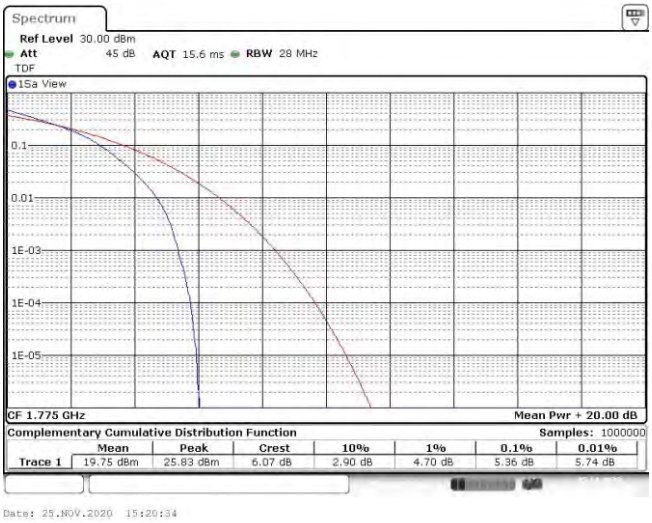
Band66-10MHz-16QAM-132022-50RB#0



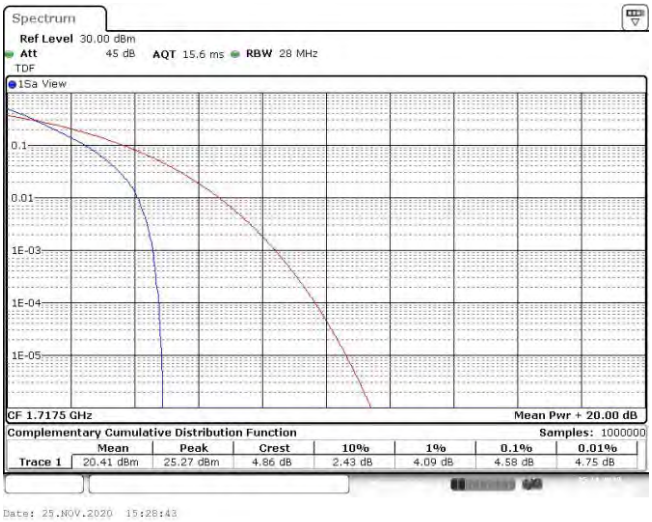
Band66-10MHz-16QAM-132322-50RB#0



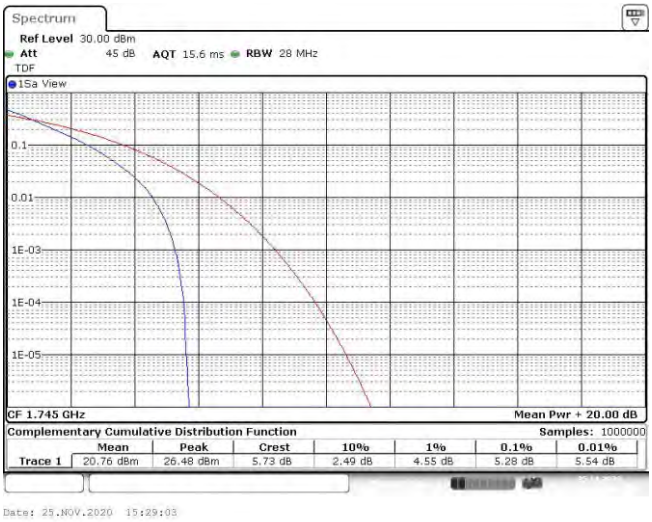
Band66-10MHz-16QAM-132622-50RB#0



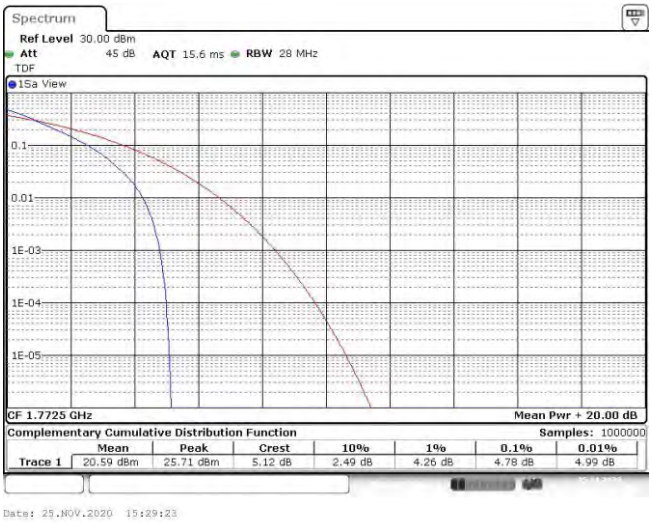
Band66-15MHz-QPSK-132047-75RB#0



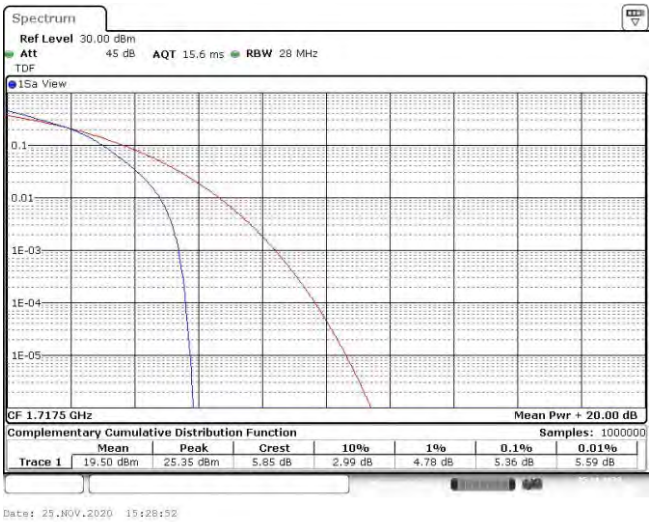
Band66-15MHz-QPSK-132322-75RB#0



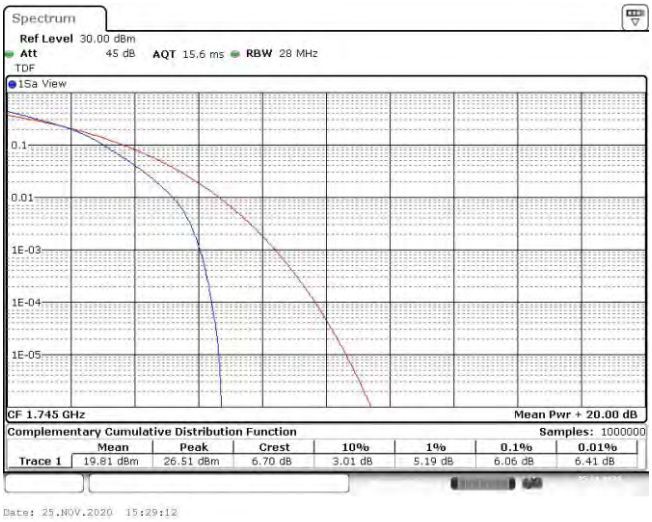
Band66-15MHz-QPSK-132597-75RB#0



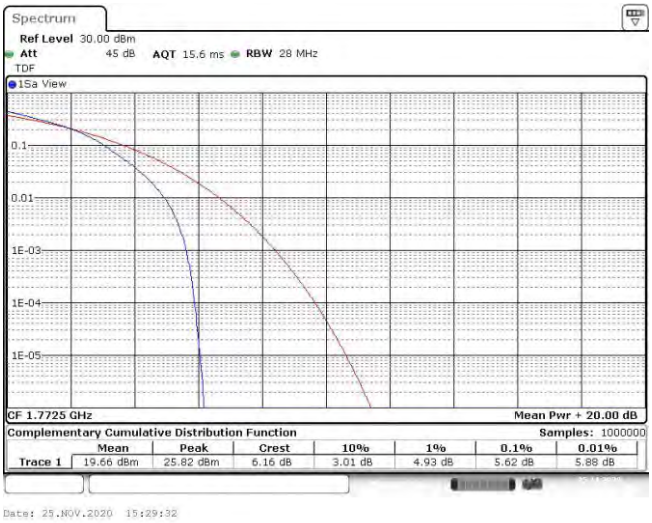
Band66-15MHz-16QAM-132047-75RB#0



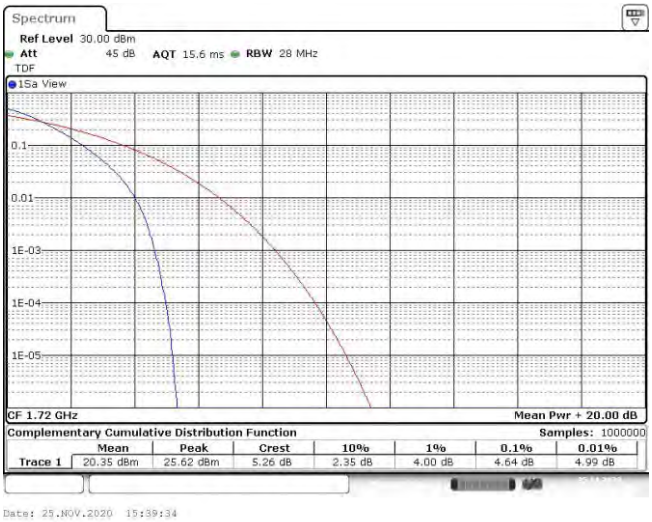
Band66-15MHz-16QAM-132322-75RB#0



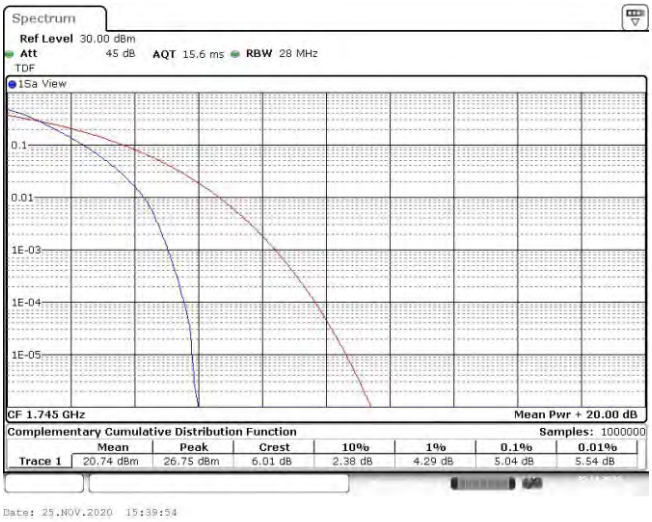
Band66-15MHz-16QAM-132597-75RB#0



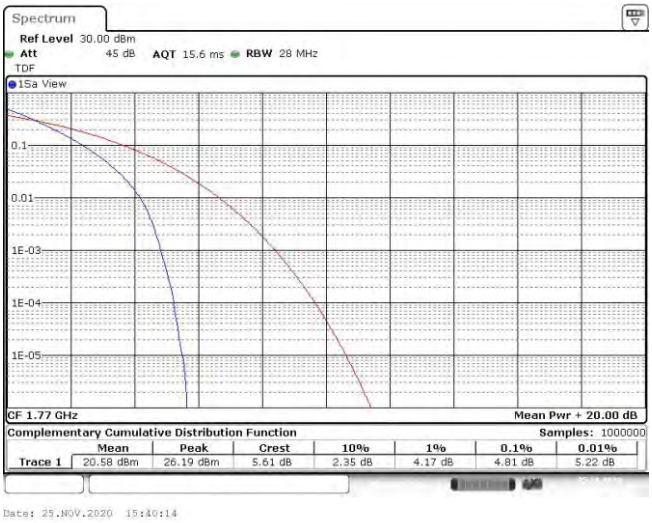
Band66-20MHz-QPSK-132072-100RB#0



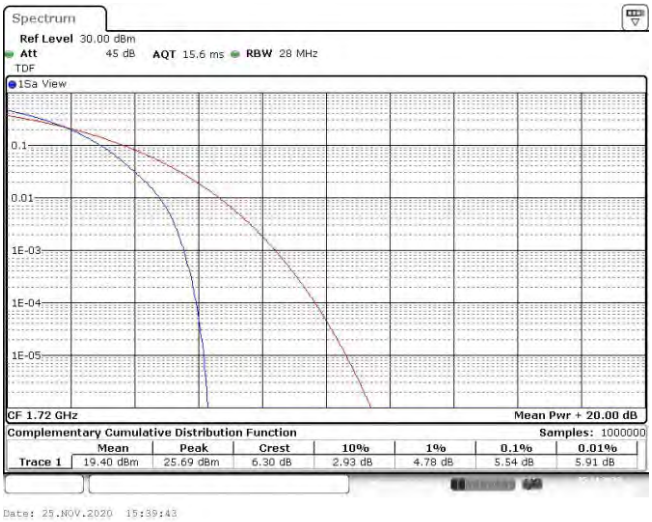
Band66-20MHz-QPSK-132322-100RB#0



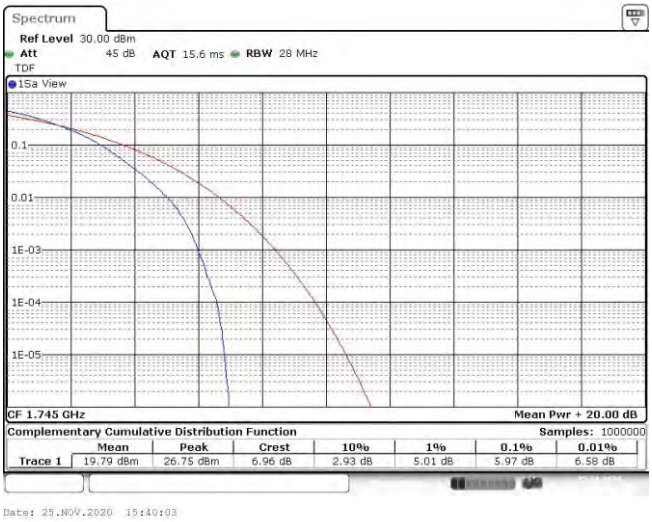
Band66-20MHz-QPSK-132572-100RB#0



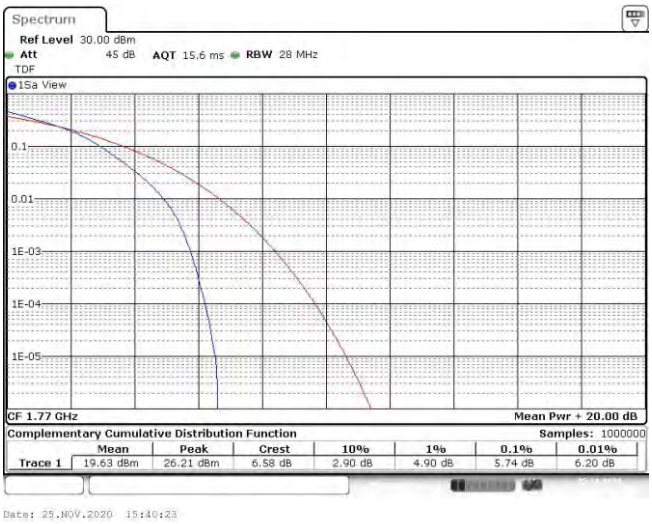
Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132322-100RB#0



Band66-20MHz-16QAM-132572-100RB#0


Spectrum
Ref Level 30.00 dBm
Att 45 dB
AQT 15.6 ms
RBW 28 MHz
TDF
1Sa View
0.1
0.01
1E-03
1E-04
1E-05
CF 1.77 GHz
Mean Pwr + 20.00 dB
Complementary Cumulative Distribution Function
Samples: 1000000
Mean
Peak
Crest
10%
1%
0.1%
0.01%
Trace 1
19.63 dBm
26.21 dBm
6.58 dB
2.90 dB
4.90 dB
5.74 dB
6.20 dB
Date: 25.NOV.2020 15:40:23

Appendix C: 26dB Bandwidth and Occupied Bandwidth

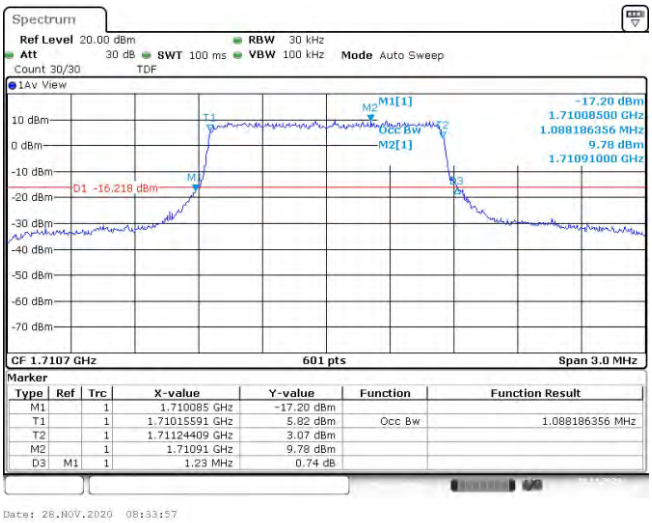
Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	1.088	1.230	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.093	1.230	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.093	1.270	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.245	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.235	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.088	1.235	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.686	2.870	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.686	2.890	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.696	2.880	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.686	2.880	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.696	2.870	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.696	2.870	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.496	4.800	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.496	4.790	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.496	4.810	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.505	4.780	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.505	4.780	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.505	4.790	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.952	9.533	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.952	9.533	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.952	9.533	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.918	9.533	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.952	9.533	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.952	9.533	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.428	14.300	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.428	14.300	PASS
Band66	15MHz	QPSK	132597	75RB#0	13.428	14.300	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.378	14.300	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.428	14.300	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.428	14.300	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.903	19.267	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.903	19.267	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.97	19.333	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.903	19.333	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.903	19.267	PASS

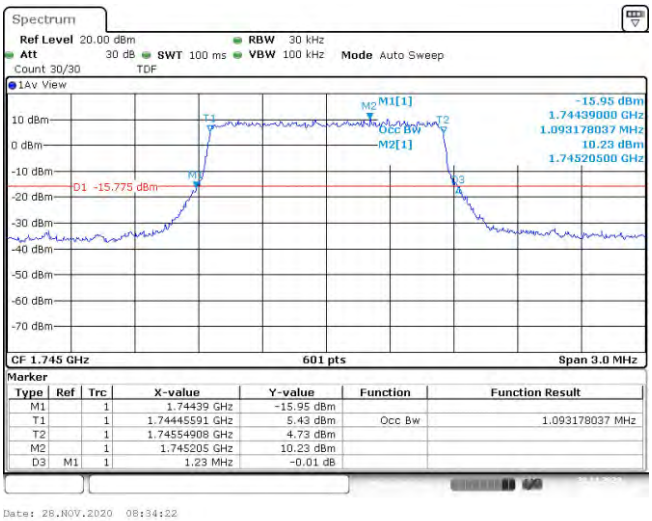
Band66	20MHz	16QAM	132572	100RB#0	18.037	19.333	PASS

Test Graphs

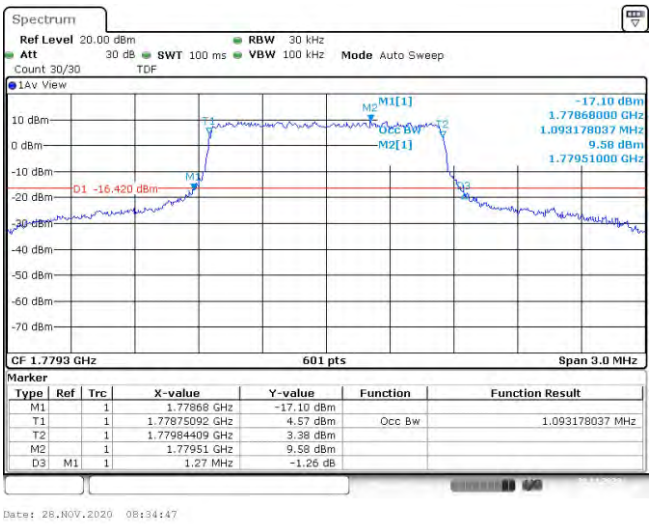
Band66-1.4MHz-QPSK-131979-6RB#0-1.088



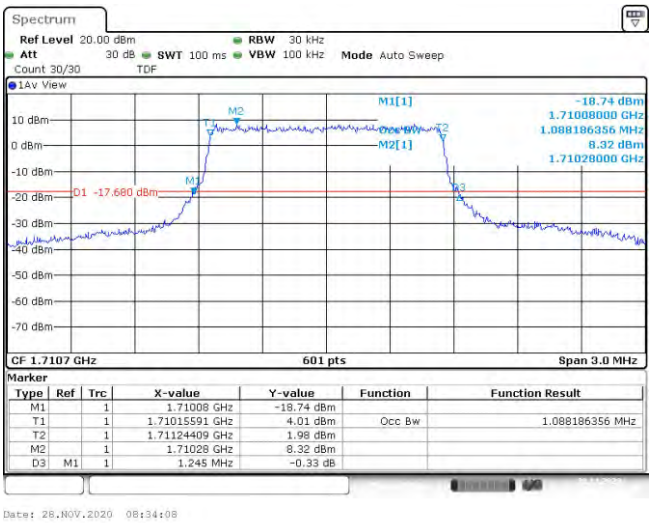
Band66-1.4MHz-QPSK-132322-6RB#0-1.093



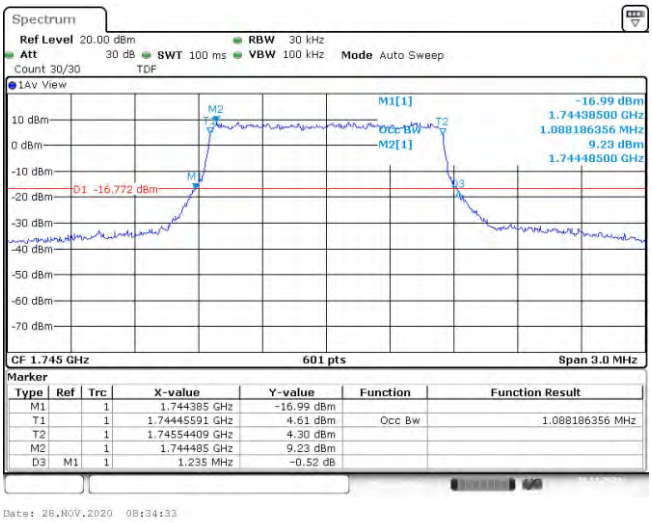
Band66-1.4MHz-QPSK-132665-6RB#0-1.093



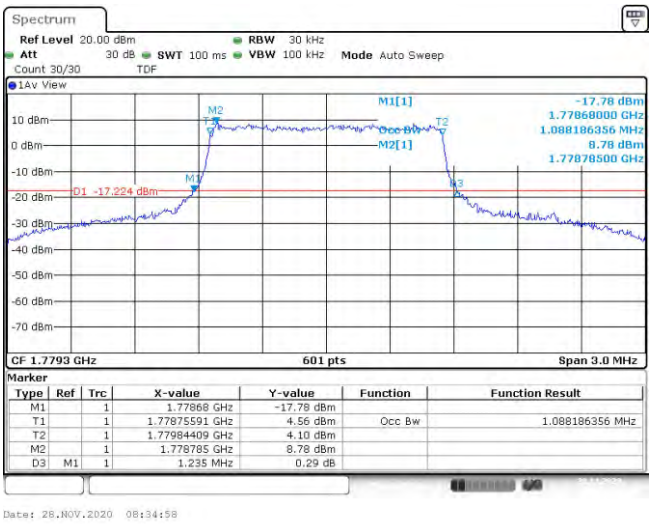
Band66-1.4MHz-16QAM-131979-6RB#0-1.088



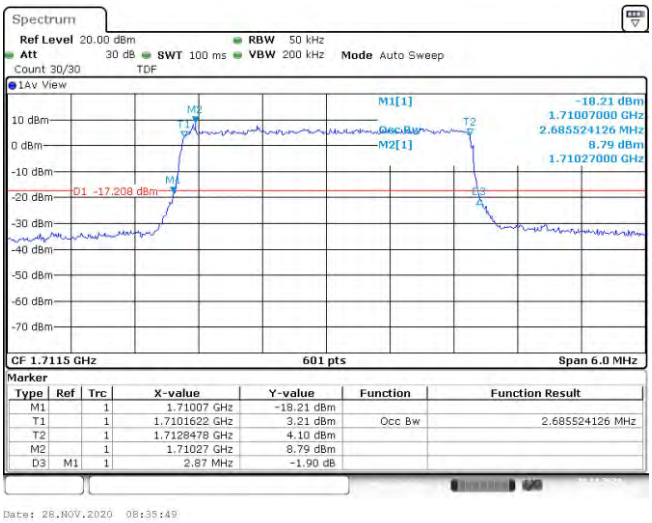
Band66-1.4MHz-16QAM-132322-6RB#0-1.088



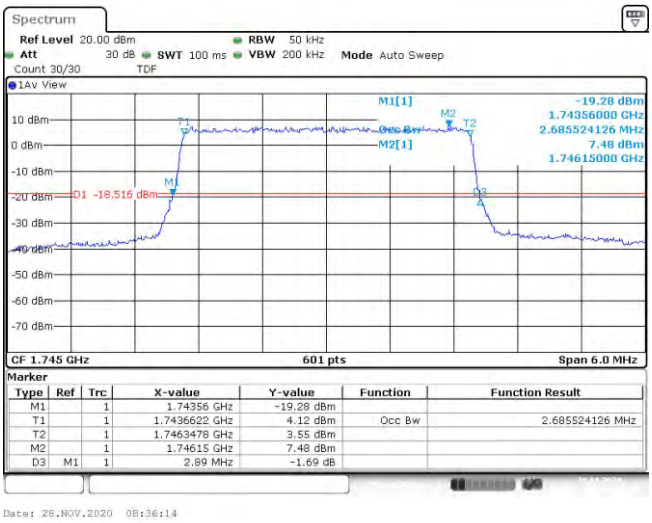
Band66-1.4MHz-16QAM-132665-6RB#0-1.088



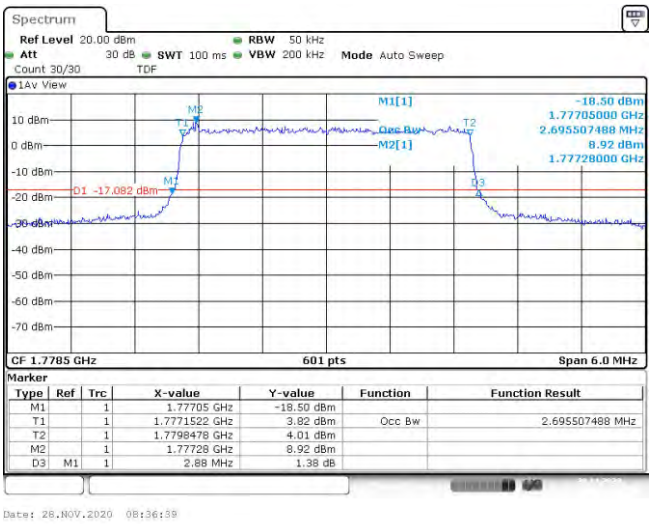
Band66-3MHz-QPSK-131987-15RB#0-2.686



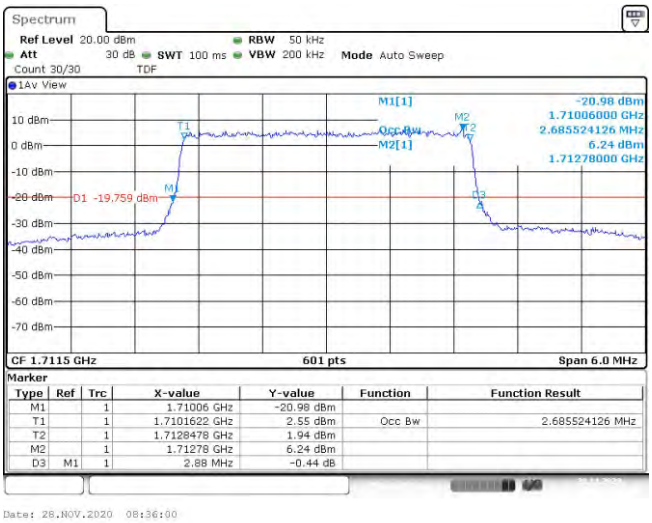
Band66-3MHz-QPSK-132322-15RB#0-2.686



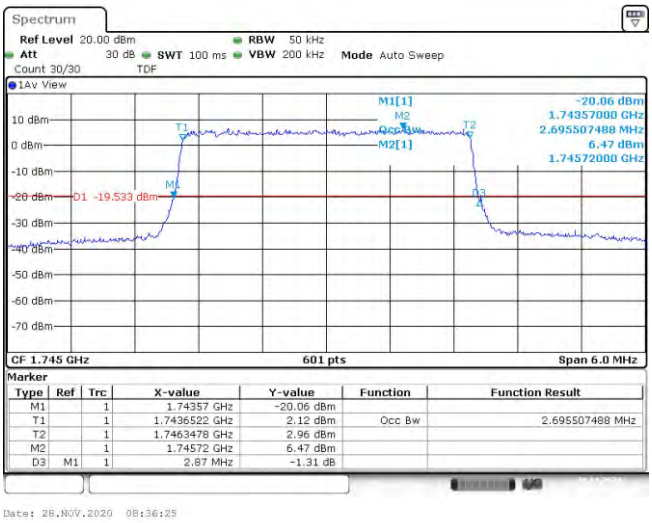
Band66-3MHz-QPSK-132657-15RB#0-2.696



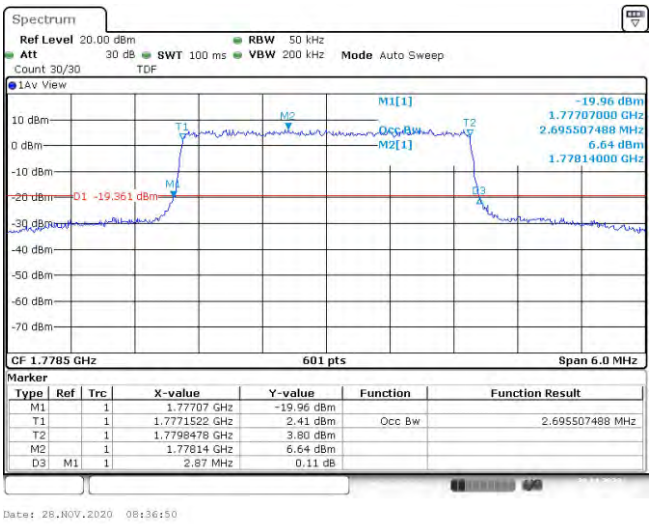
Band66-3MHz-16QAM-131987-15RB#0-2.686



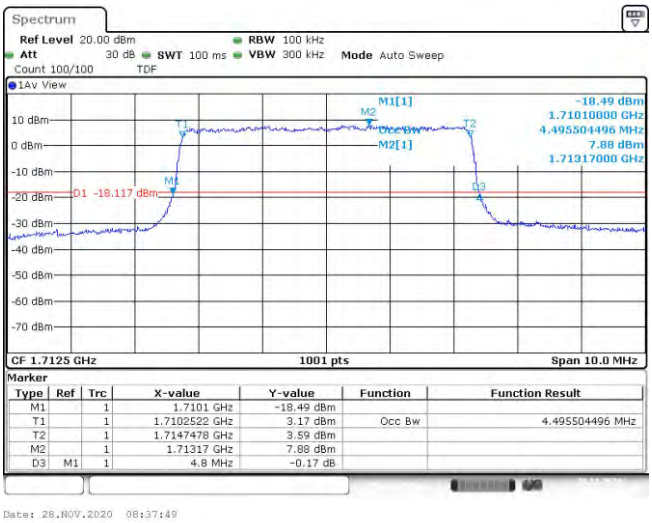
Band66-3MHz-16QAM-132322-15RB#0-2.696



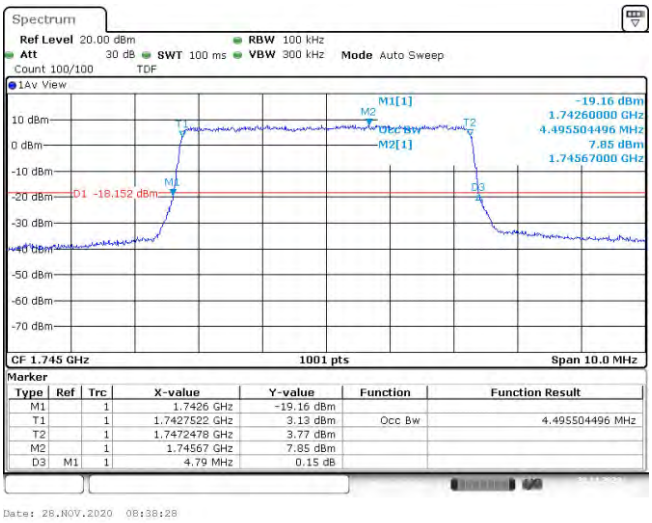
Band66-3MHz-16QAM-132657-15RB#0-2.696



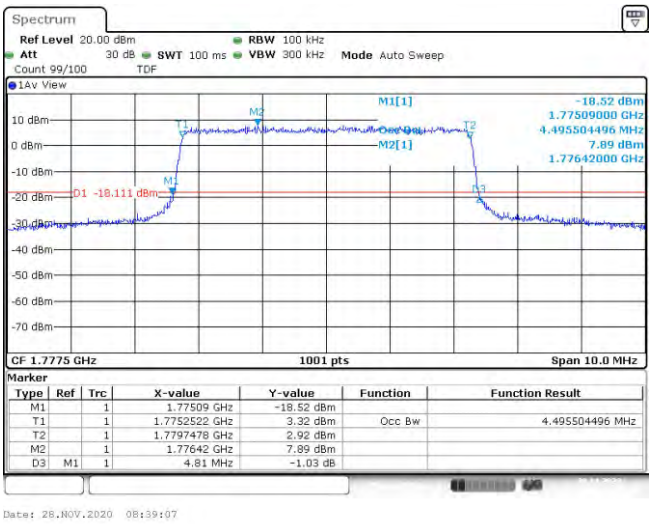
Band66-5MHz-QPSK-131997-25RB#0-4.496



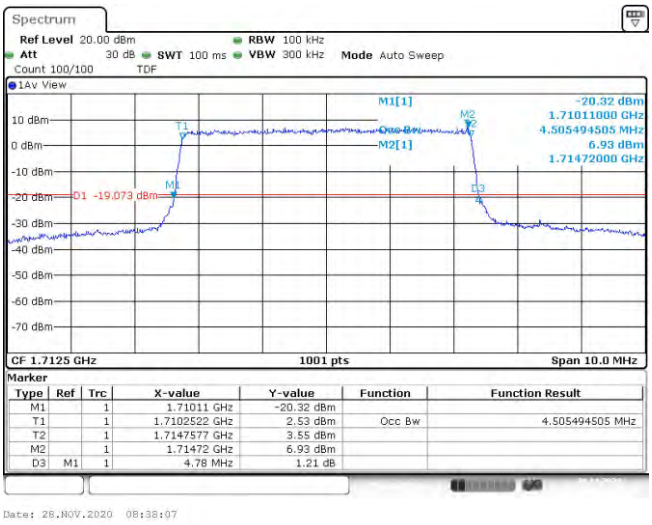
Band66-5MHz-QPSK-132322-25RB#0-4.496



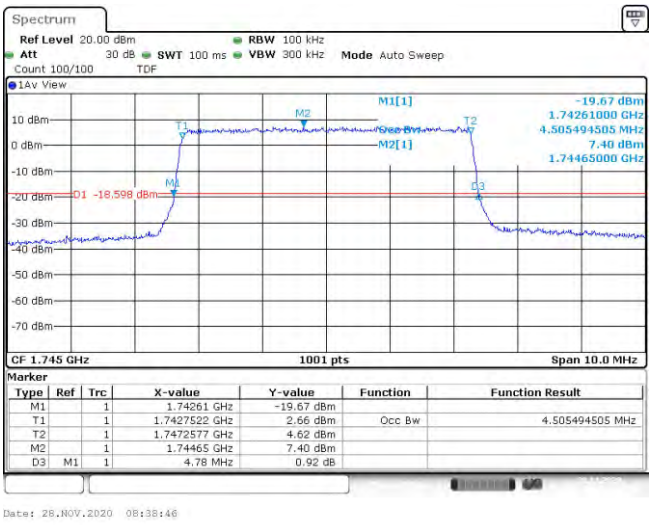
Band66-5MHz-QPSK-132647-25RB#0-4.496



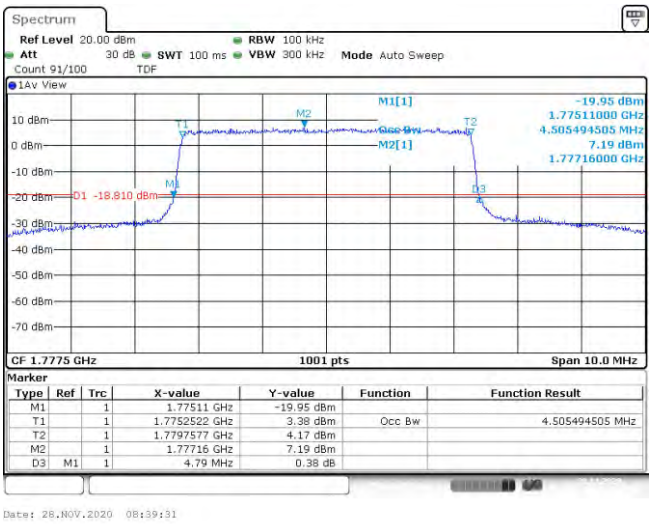
Band66-5MHz-16QAM-131997-25RB#0-4.505



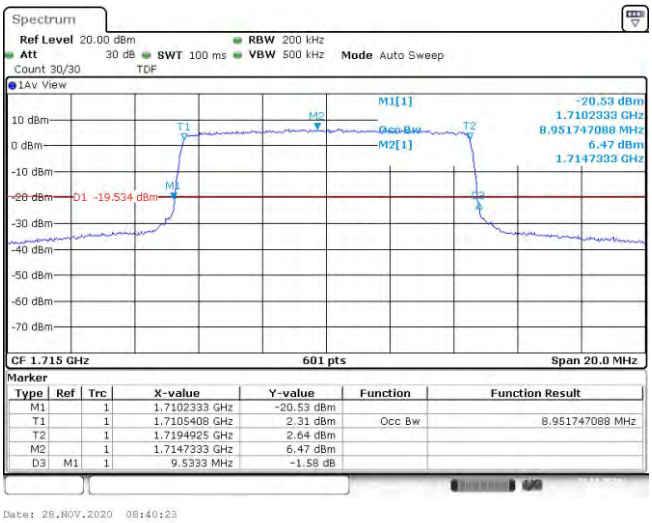
Band66-5MHz-16QAM-132322-25RB#0-4.505



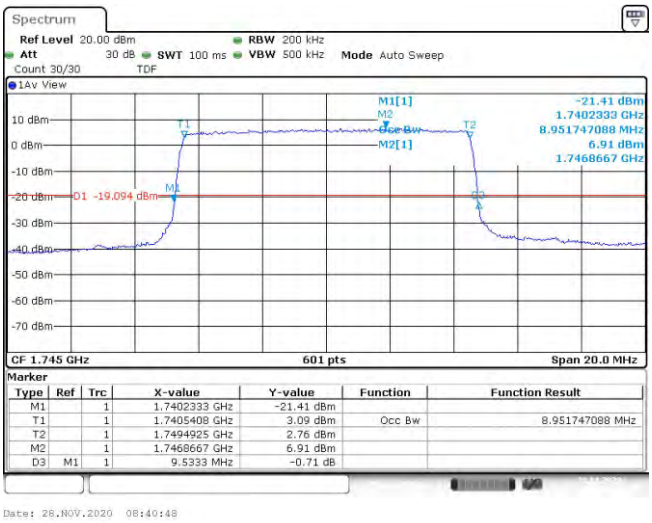
Band66-5MHz-16QAM-132647-25RB#0-4.505



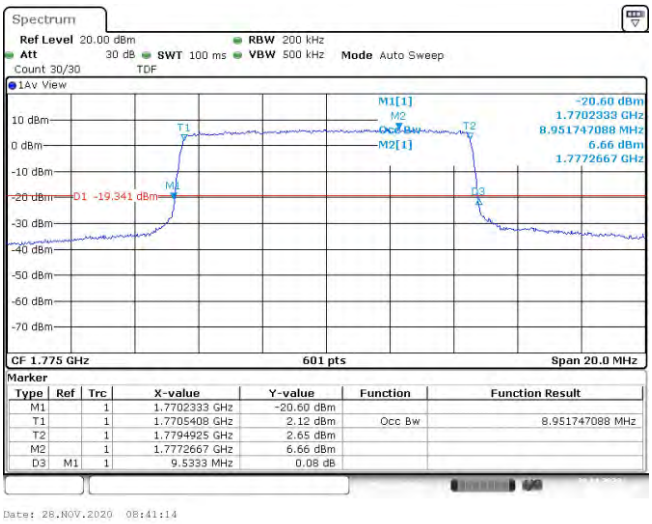
Band66-10MHz-QPSK-132022-50RB#0-8.952



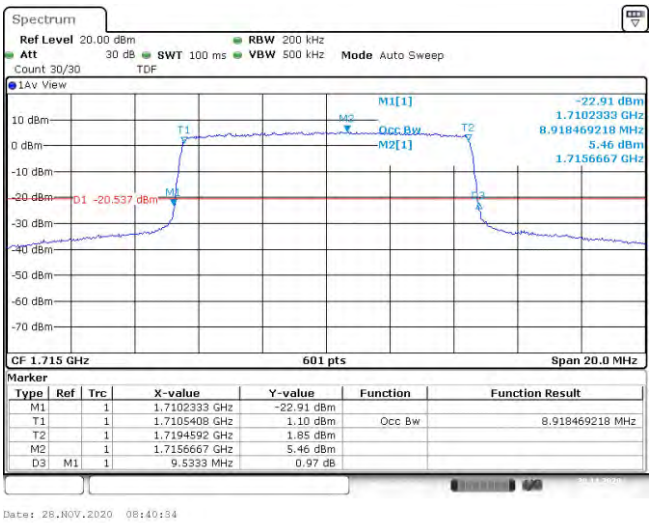
Band66-10MHz-QPSK-132322-50RB#0-8.952



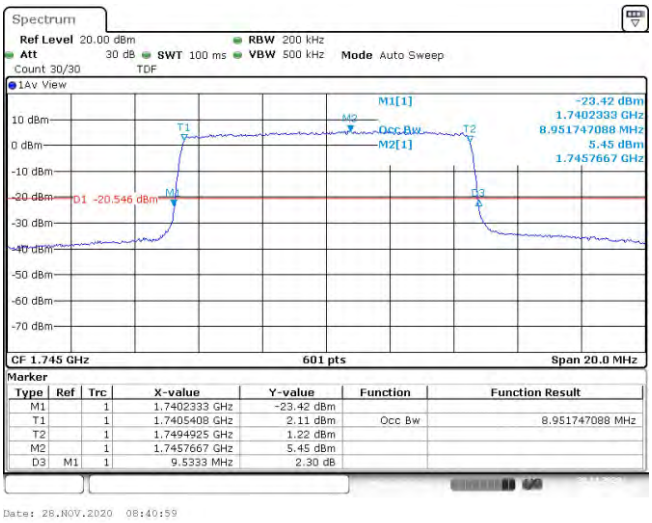
Band66-10MHz-QPSK-132622-50RB#0-8.952



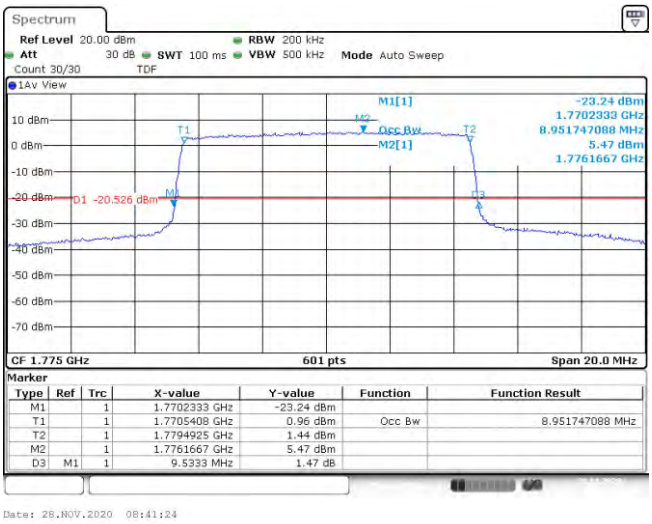
Band66-10MHz-16QAM-132022-50RB#0-8.918



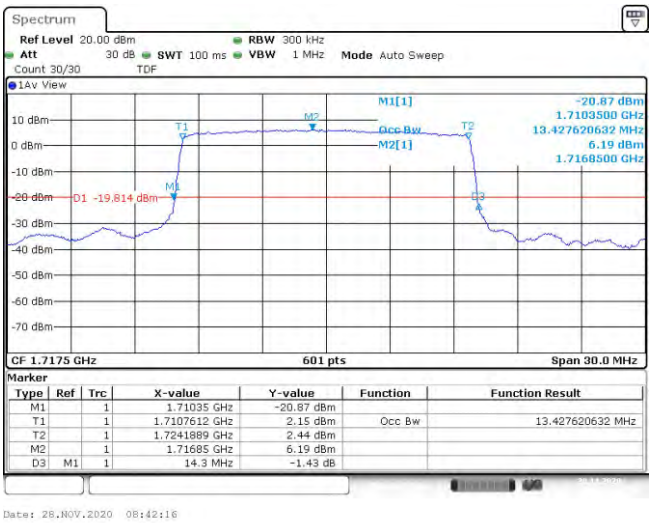
Band66-10MHz-16QAM-132322-50RB#0-8.952



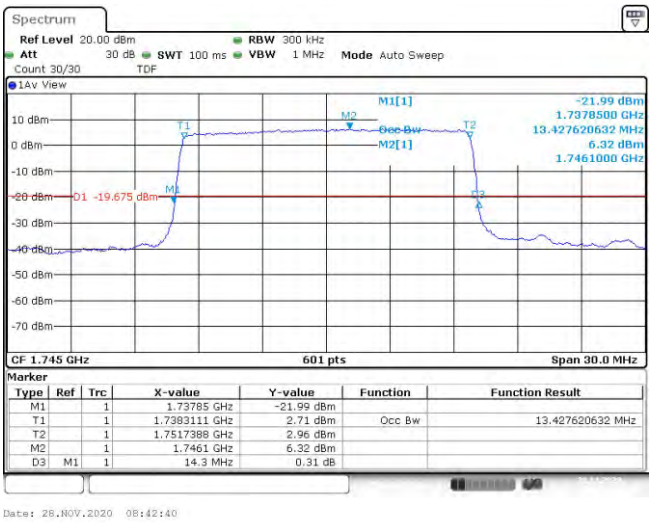
Band66-10MHz-16QAM-132622-50RB#0-8.952



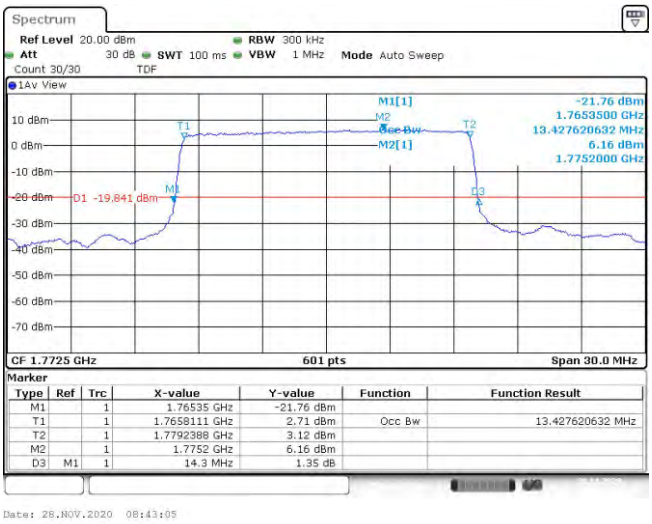
Band66-15MHz-QPSK-132047-75RB#0-13.428



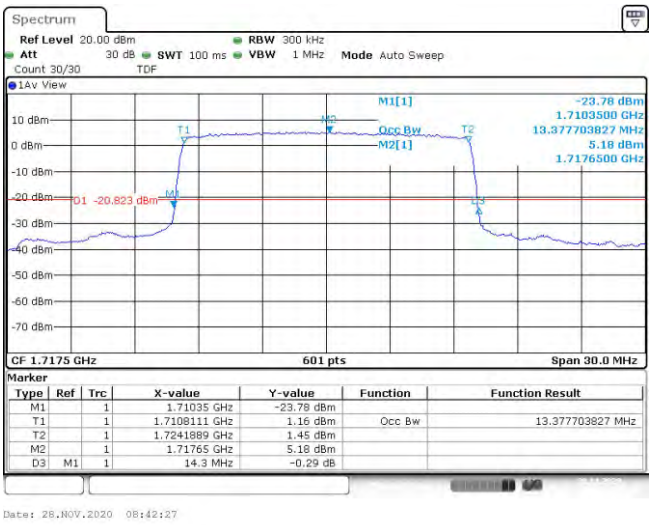
Band66-15MHz-QPSK-132322-75RB#0-13.428



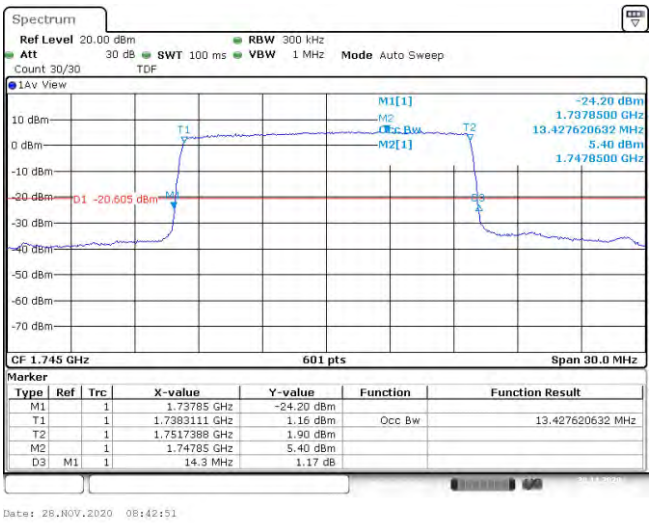
Band66-15MHz-QPSK-132597-75RB#0-13.428



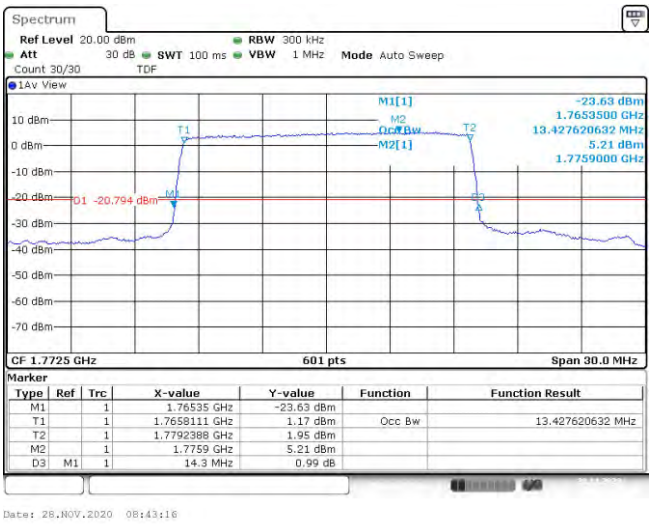
Band66-15MHz-16QAM-132047-75RB#0-13.378



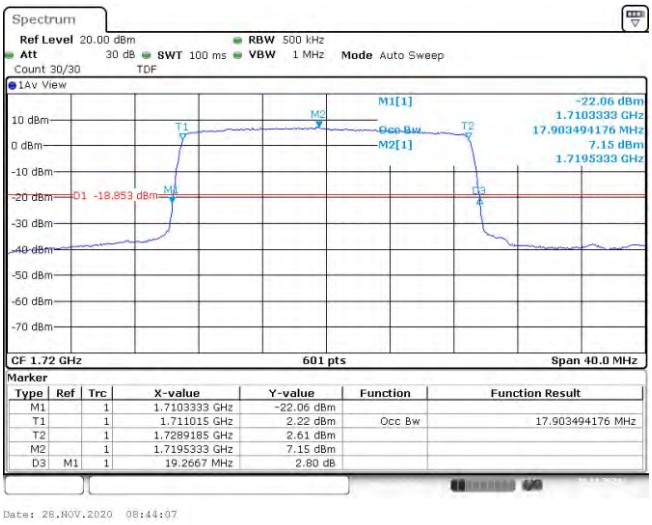
Band66-15MHz-16QAM-132322-75RB#0-13.428



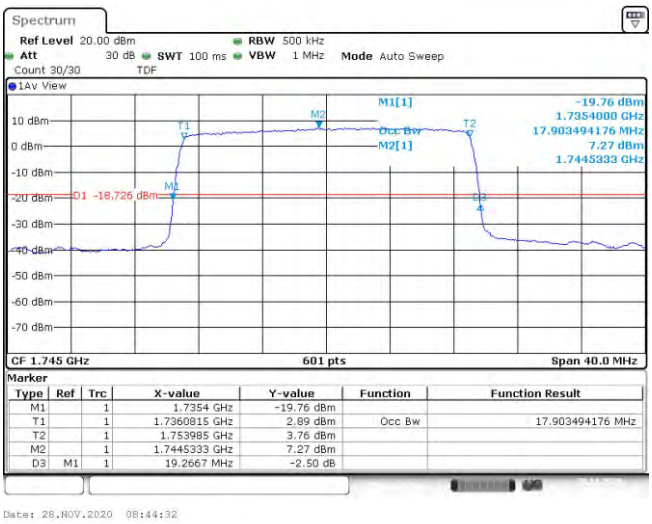
Band66-15MHz-16QAM-132597-75RB#0-13.428



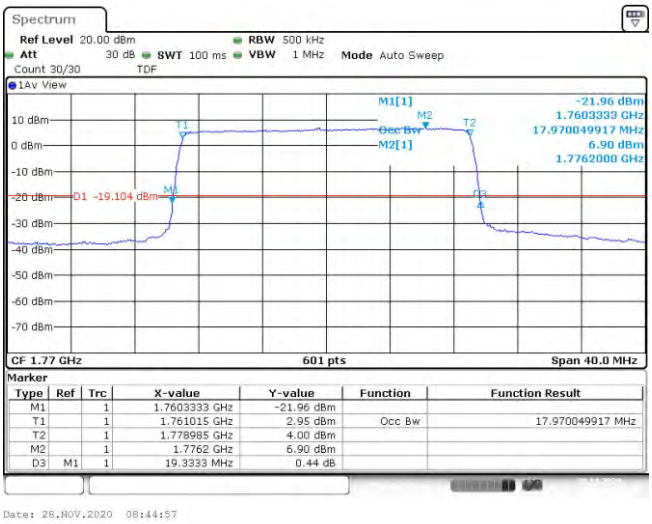
Band66-20MHz-QPSK-132072-100RB#0-17.903



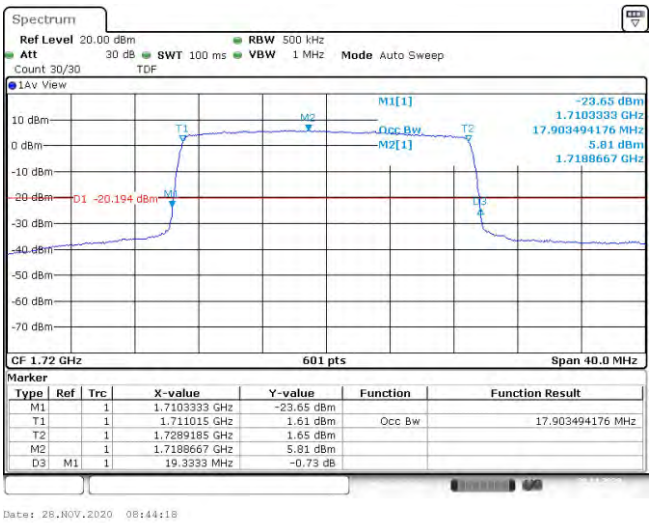
Band66-20MHz-QPSK-132322-100RB#0-17.903



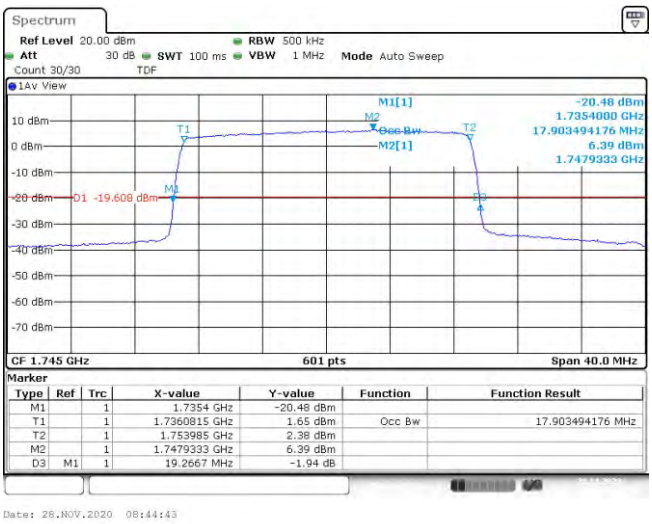
Band66-20MHz-QPSK-132572-100RB#0-17.97



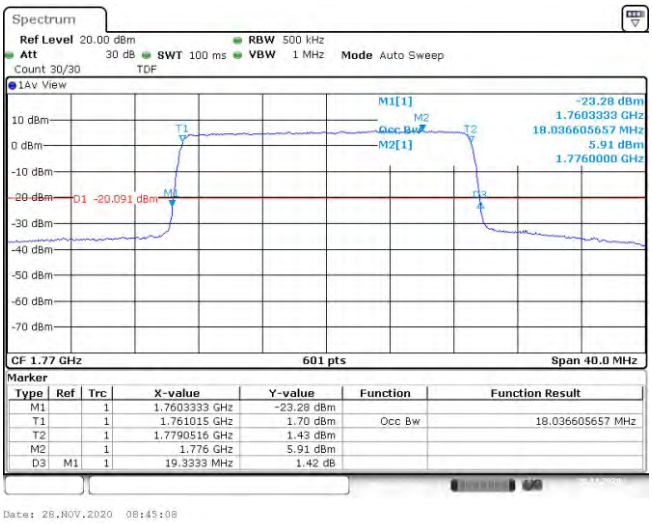
Band66-20MHz-16QAM-132072-100RB#0-17.903



Band66-20MHz-16QAM-132322-100RB#0-17.903



Band66-20MHz-16QAM-132572-100RB#0-18.037


Spectrum
Ref Level 20.00 dBm
RBW 500 kHz
Att 30 dB
SWT 100 ms
VBW 1 MHz
Mode Auto Sweep
Count 30/30
TDF
1Av View
M1[1] -23.28 dBm 1.7603333 GHz
M2 Occ Bw 18.036605657 MHz
M2[1] 5.91 dBm 1.7760000 GHz
10 dBm
0 dBm
-10 dBm
-20 dBm
-30 dBm
-40 dBm
-50 dBm
-60 dBm
-70 dBm
D1 -20.091 dBm
T1
T2
M1
D3
CF 1.77 GHz
601 pts
Span 40.0 MHz
Marker
Type Ref Trc X-value Y-value Function Function Result
M1 1 1.7603333 GHz -23.28 dBm
T1 1 1.761015 GHz 1.70 dBm Occ Bw 18.036605657 MHz
T2 1 1.7790516 GHz 1.43 dBm
M2 1 1.776 GHz 5.91 dBm
D3 M1 1 19.3333 MHz 1.42 dB
Date: 28.NOV.2020 08:45:08

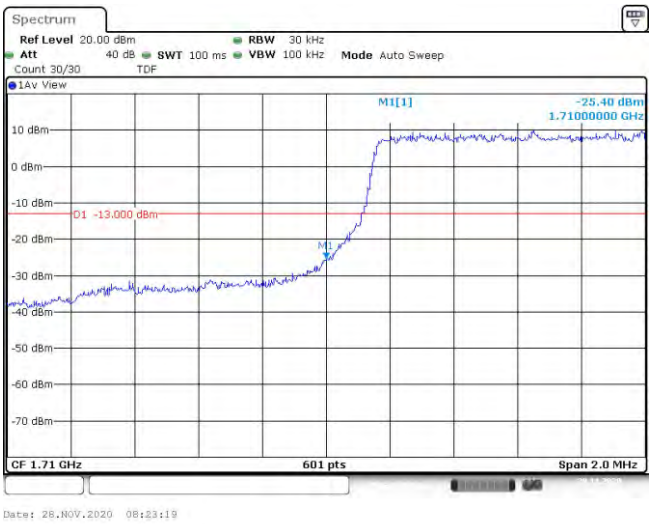
Appendix D: Band Edge

Test Result

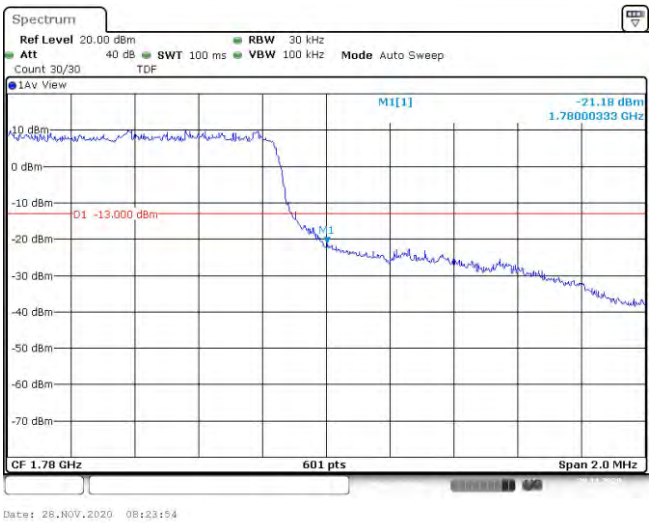
Band	Bandwidth	Modulation	Channel	RB Configuration	Result(dBm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	-25.40	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	-21.18	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	-25.25	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	-20.64	PASS
Band66	3MHz	QPSK	131987	15RB#0	-24.58	PASS
Band66	3MHz	QPSK	132657	15RB#0	-22.47	PASS
Band66	3MHz	16QAM	131987	15RB#0	-27.66	PASS
Band66	3MHz	16QAM	132657	15RB#0	-23.23	PASS
Band66	5MHz	QPSK	131997	25RB#0	-26.07	PASS
Band66	5MHz	QPSK	132647	25RB#0	-23.44	PASS
Band66	5MHz	16QAM	131997	25RB#0	-28.86	PASS
Band66	5MHz	16QAM	132647	25RB#0	-24.62	PASS
Band66	10MHz	QPSK	132022	50RB#0	-28.50	PASS
Band66	10MHz	QPSK	132622	50RB#0	-28.14	PASS
Band66	10MHz	16QAM	132022	50RB#0	-30.64	PASS
Band66	10MHz	16QAM	132622	50RB#0	-29.19	PASS
Band66	15MHz	QPSK	132047	75RB#0	-28.94	PASS
Band66	15MHz	QPSK	132597	75RB#0	-28.14	PASS
Band66	15MHz	16QAM	132047	75RB#0	-31.38	PASS
Band66	15MHz	16QAM	132597	75RB#0	-30.69	PASS
Band66	20MHz	QPSK	132072	100RB#0	-32.64	PASS
Band66	20MHz	QPSK	132572	100RB#0	-29.86	PASS
Band66	20MHz	16QAM	132072	100RB#0	-32.50	PASS
Band66	20MHz	16QAM	132572	100RB#0	-30.18	PASS

Test Graphs

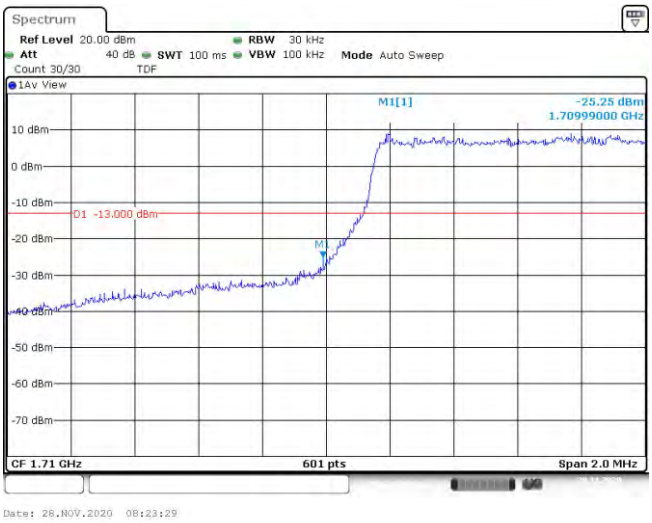
Band66-1.4MHz-QPSK-131979-6RB#0



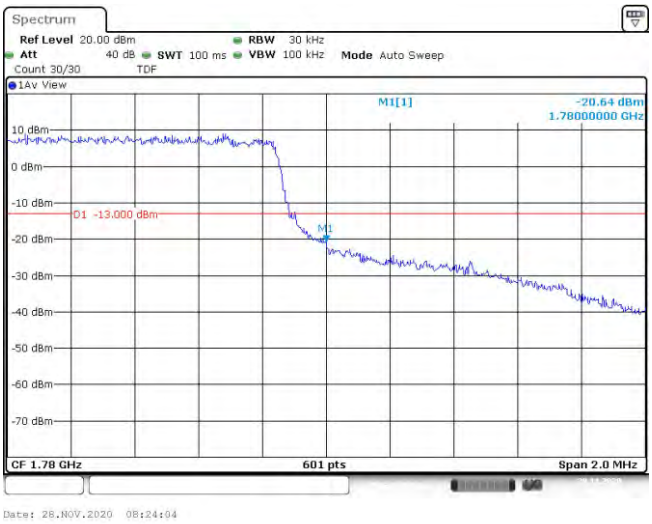
Band66-1.4MHz-QPSK-132665-6RB#0



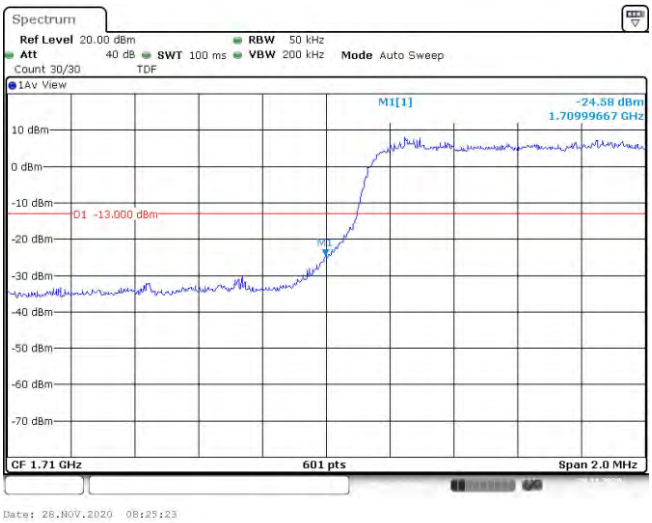
Band66-1.4MHz-16QAM-131979-6RB#0



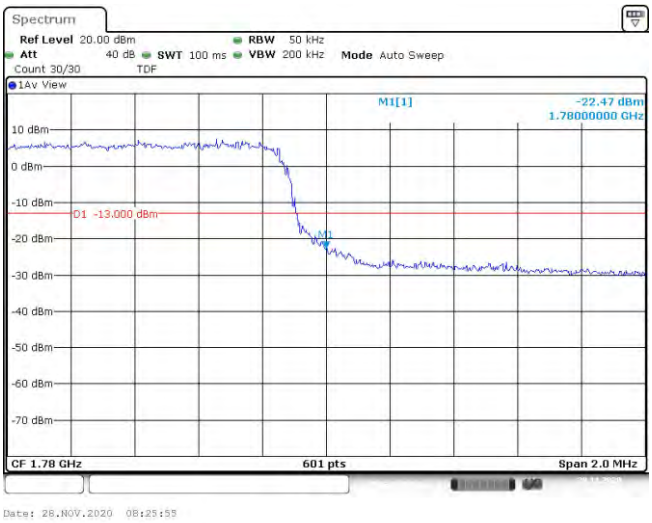
Band66-1.4MHz-16QAM-132665-6RB#0



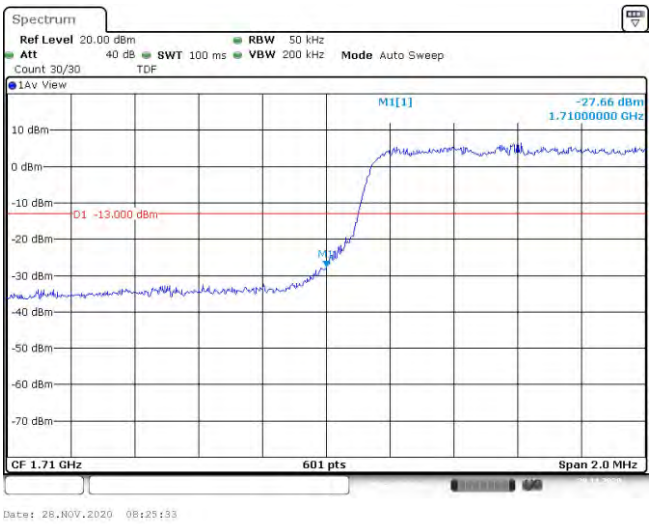
Band66-3MHz-QPSK-131987-15RB#0



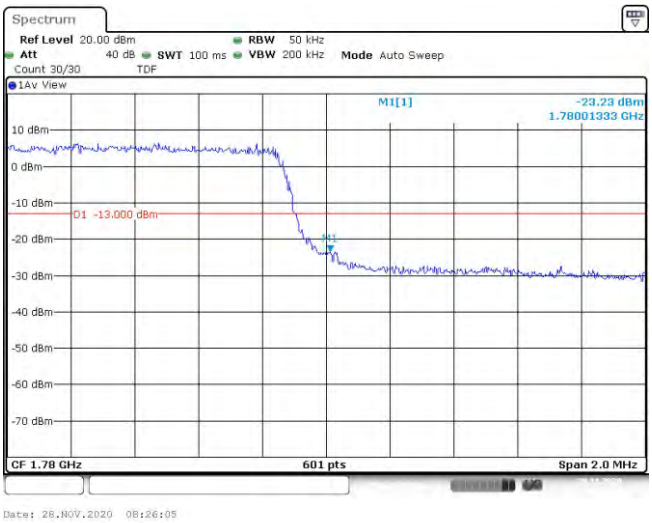
Band66-3MHz-QPSK-132657-15RB#0



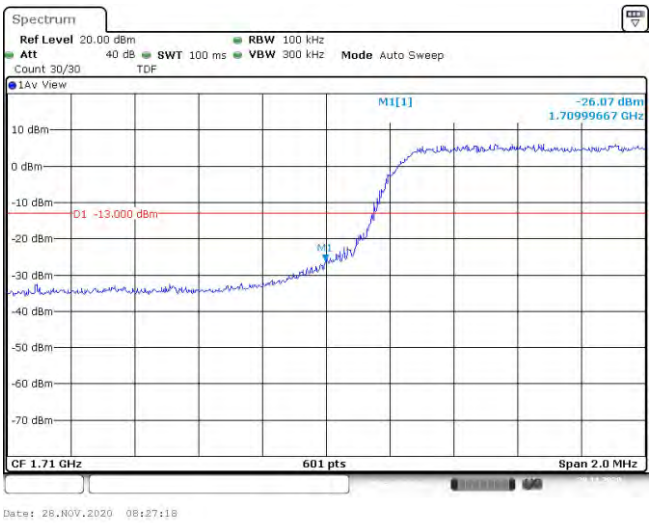
Band66-3MHz-16QAM-131987-15RB#0



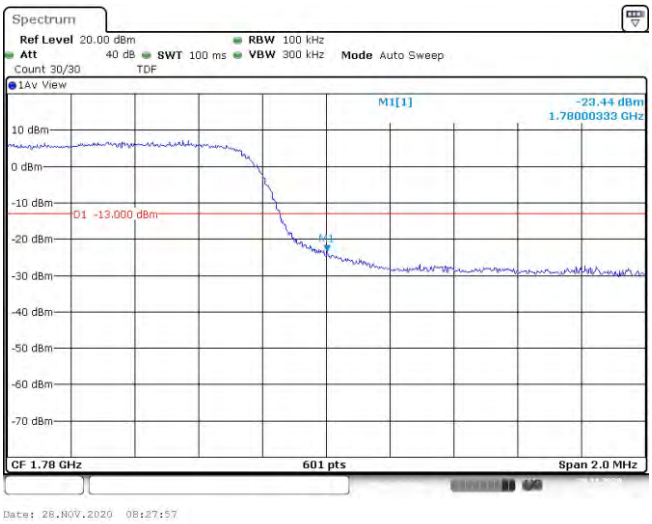
Band66-3MHz-16QAM-132657-15RB#0



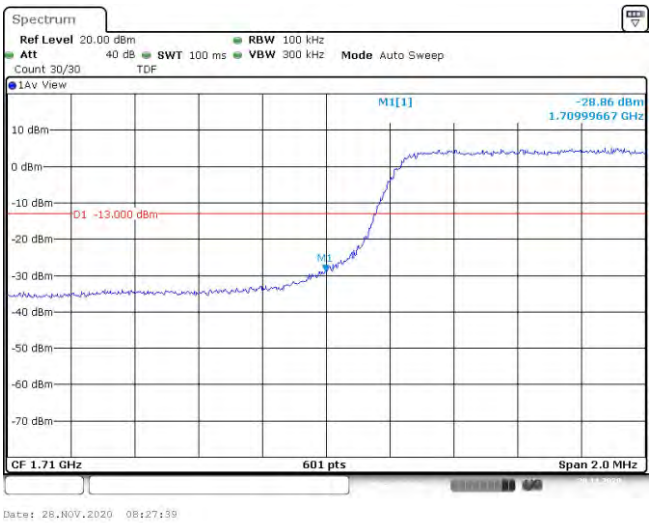
Band66-5MHz-QPSK-131997-25RB#0



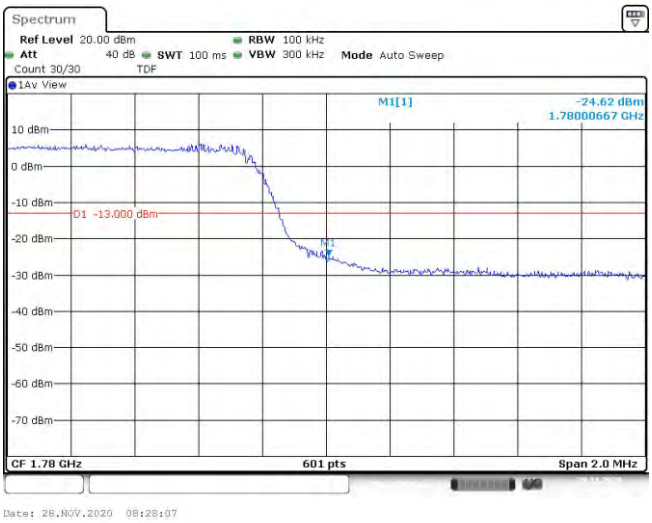
Band66-5MHz-QPSK-132647-25RB#0



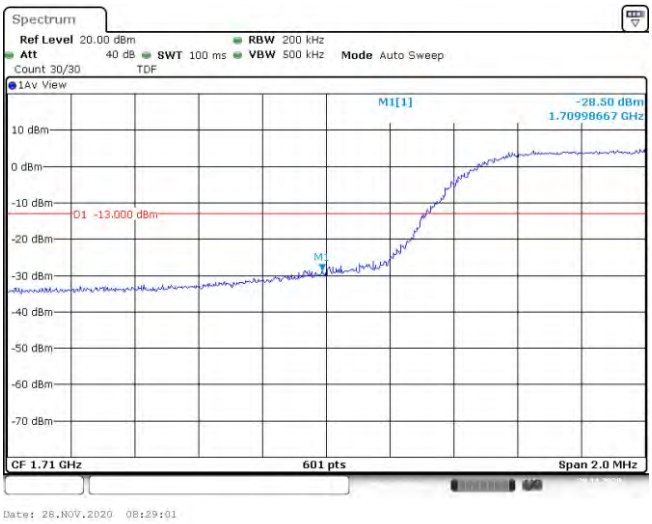
Band66-5MHz-16QAM-131997-25RB#0



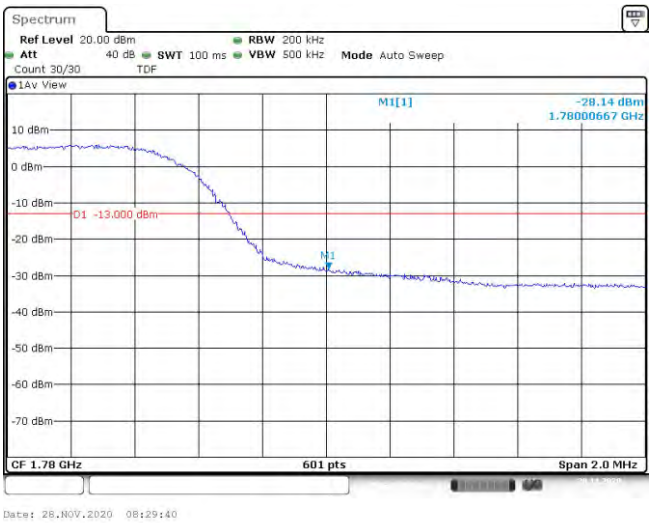
Band66-5MHz-16QAM-132647-25RB#0



Band66-10MHz-QPSK-132022-50RB#0

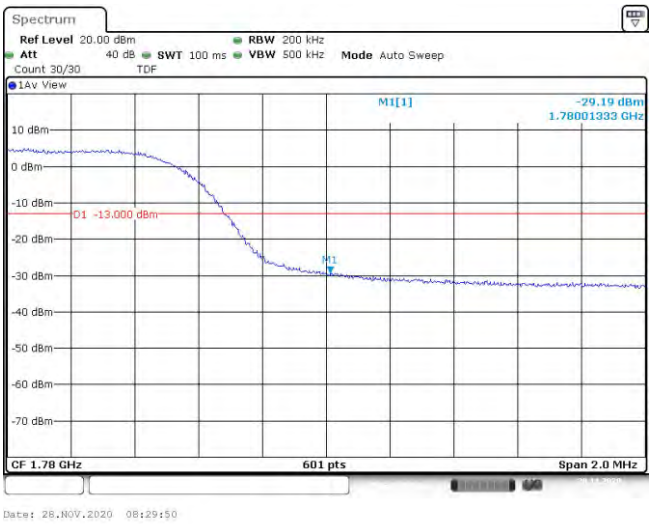


Band66-10MHz-QPSK-132622-50RB#0



Band66-10MHz-16QAM-132022-50RB#0

Band66-10MHz-16QAM-132622-50RB#0

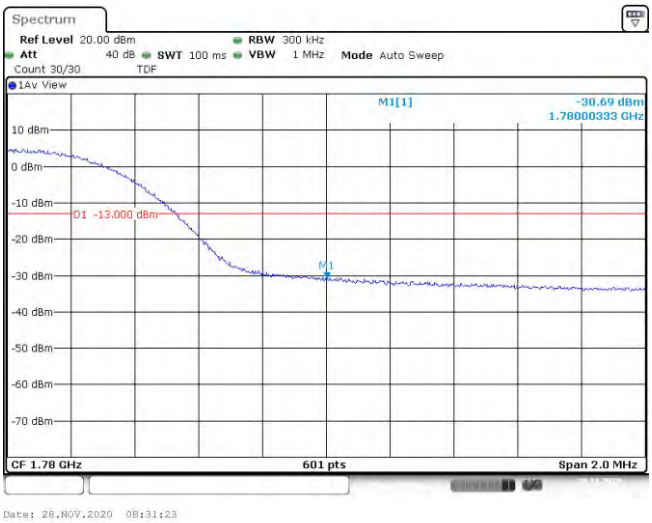


Band66-15MHz-QPSK-132047-75RB#0

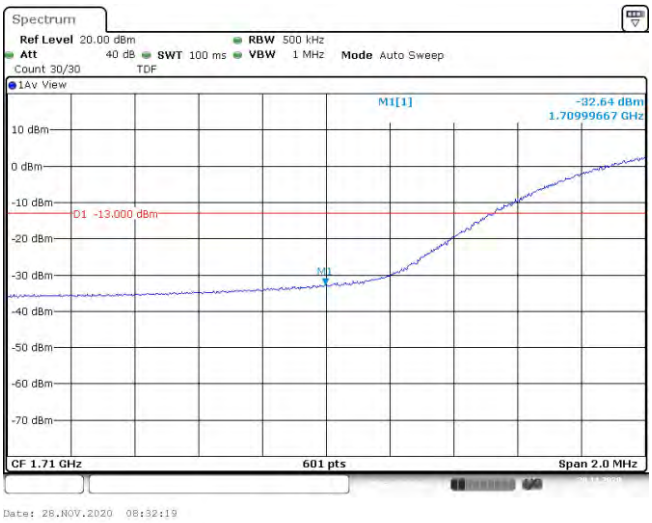
Band66-15MHz-QPSK-132597-75RB#0

Band66-15MHz-16QAM-132047-75RB#0

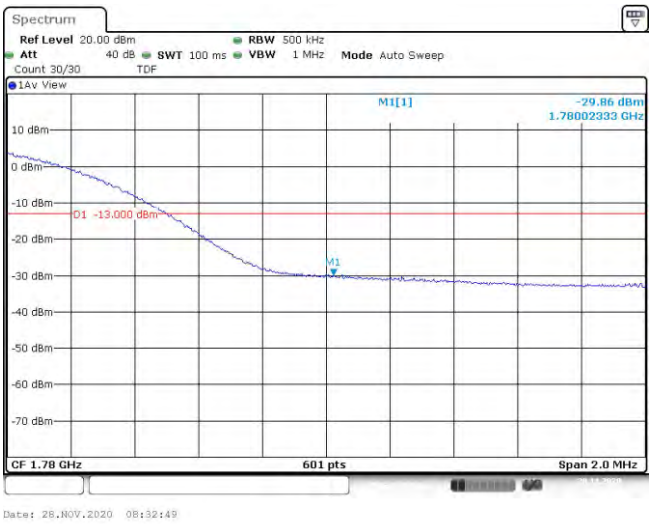
Band66-15MHz-16QAM-132597-75RB#0



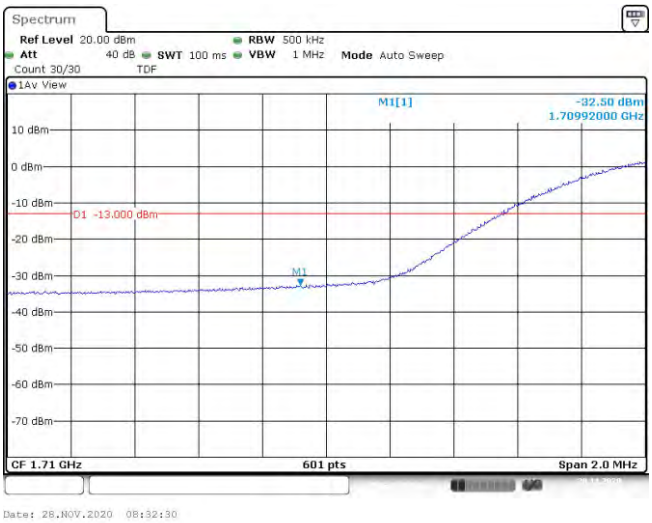
Band66-20MHz-QPSK-132072-100RB#0



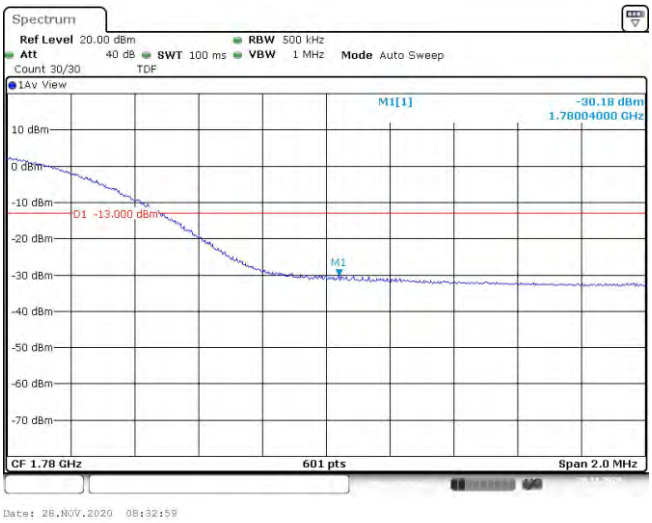
Band66-20MHz-QPSK-132572-100RB#0



Band66-20MHz-16QAM-132072-100RB#0



Band66-20MHz-16QAM-132572-100RB#0



Appendix E: Conducted Spurious Emission

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Frequency Range	Result (dBm)	Verdict
Band66	1.4MHz	QPSK	131979	1RB#0	Range1:30~1000MHz	-35.91	PASS
Band66	1.4MHz	QPSK	131979	1RB#0	Range2:1000~10000MHz	-30.93	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-36.14	PASS
Band66	1.4MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-27.54	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range1:30~1000MHz	-34.72	PASS
Band66	1.4MHz	QPSK	132665	1RB#0	Range2:1000~10000MHz	-31.36	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range1:30~1000MHz	-35.1	PASS
Band66	1.4MHz	16QAM	131979	1RB#0	Range2:1000~10000MHz	-34.25	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-35.15	PASS
Band66	1.4MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-25.79	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range1:30~1000MHz	-35.52	PASS
Band66	1.4MHz	16QAM	132665	1RB#0	Range2:1000~10000MHz	-30.97	PASS
Band66	3MHz	QPSK	131987	1RB#0	Range1:30~1000MHz	-35.86	PASS
Band66	3MHz	QPSK	131987	1RB#0	Range2:1000~10000MHz	-30.45	PASS
Band66	3MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-34.79	PASS
Band66	3MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-27.16	PASS
Band66	3MHz	QPSK	132657	1RB#0	Range1:30~1000MHz	-35.75	PASS
Band6	3MHz	QPSK	13265	1RB#0	Range2:1000~10000M	-29.9	PAS

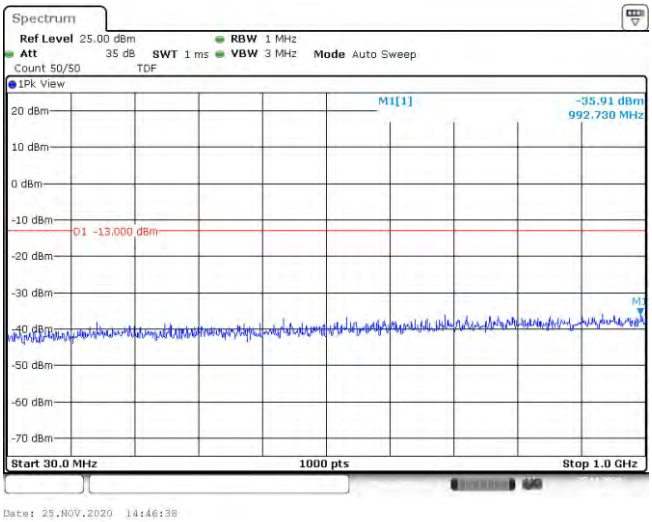
6			7		Hz	4	S
Band66	3MHz	16QAM	131987	1RB#0	Range1:30~1000MHz	-35.35	PASS
Band66	3MHz	16QAM	131987	1RB#0	Range2:1000~10000MHz	-30.74	PASS
Band66	3MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-36.13	PASS
Band66	3MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-28.58	PASS
Band66	3MHz	16QAM	132657	1RB#0	Range1:30~1000MHz	-34.73	PASS
Band66	3MHz	16QAM	132657	1RB#0	Range2:1000~10000MHz	-30.6	PASS
Band66	5MHz	QPSK	131997	1RB#0	Range1:30~1000MHz	-35.61	PASS
Band66	5MHz	QPSK	131997	1RB#0	Range2:1000~10000MHz	-31.65	PASS
Band66	5MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-34.22	PASS
Band66	5MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-25.88	PASS
Band66	5MHz	QPSK	132647	1RB#0	Range1:30~1000MHz	-36.25	PASS
Band66	5MHz	QPSK	132647	1RB#0	Range2:1000~10000MHz	-29.4	PASS
Band66	5MHz	16QAM	131997	1RB#0	Range1:30~1000MHz	-34.11	PASS
Band66	5MHz	16QAM	131997	1RB#0	Range2:1000~10000MHz	-32.25	PASS
Band66	5MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-35.26	PASS
Band66	5MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-28.62	PASS
Band66	5MHz	16QAM	132647	1RB#0	Range1:30~1000MHz	-35.59	PASS
Band66	5MHz	16QAM	132647	1RB#0	Range2:1000~10000MHz	-39.65	PASS
Band66	10MHz	QPSK	132022	1RB#0	Range1:30~1000MHz	-35.55	PASS
Band66	10MHz	QPSK	132022	1RB#0	Range2:1000~10000MHz	-31.82	PASS
Band66	10MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-35.96	PASS

Band66	10MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-26.62	PASS
Band66	10MHz	QPSK	132622	1RB#0	Range1:30~1000MHz	-35.48	PASS
Band66	10MHz	QPSK	132622	1RB#0	Range2:1000~10000MHz	-27.91	PASS
Band66	10MHz	16QAM	132022	1RB#0	Range1:30~1000MHz	-35.13	PASS
Band66	10MHz	16QAM	132022	1RB#0	Range2:1000~10000MHz	-32.12	PASS
Band66	10MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-34.74	PASS
Band66	10MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-26.65	PASS
Band66	10MHz	16QAM	132622	1RB#0	Range1:30~1000MHz	-35.18	PASS
Band66	10MHz	16QAM	132622	1RB#0	Range2:1000~10000MHz	-29.22	PASS
Band66	15MHz	QPSK	132047	1RB#0	Range1:30~1000MHz	-35.32	PASS
Band66	15MHz	QPSK	132047	1RB#0	Range2:1000~10000MHz	-31.57	PASS
Band66	15MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-35.27	PASS
Band66	15MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-24.94	PASS
Band66	15MHz	QPSK	132597	1RB#0	Range1:30~1000MHz	-35.82	PASS
Band66	15MHz	QPSK	132597	1RB#0	Range2:1000~10000MHz	-28.3	PASS
Band66	15MHz	16QAM	132047	1RB#0	Range1:30~1000MHz	-35.62	PASS
Band66	15MHz	16QAM	132047	1RB#0	Range2:1000~10000MHz	-31.74	PASS
Band66	15MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-35.39	PASS
Band66	15MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-27.18	PASS
Band66	15MHz	16QAM	132597	1RB#0	Range1:30~1000MHz	-35.73	PASS
Band66	15MHz	16QAM	132597	1RB#0	Range2:1000~10000MHz	-27.35	PASS
Band66	20MHz	QPSK	132072	1RB#0	Range1:30~1000MHz	-35.98	PASS

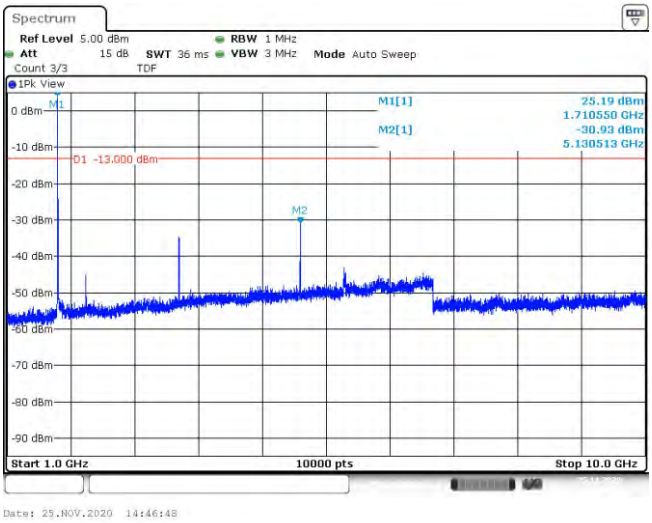
Band66	20MHz	QPSK	132072	1RB#0	Range2:1000~10000MHz	-32.02	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range1:30~1000MHz	-36.03	PASS
Band66	20MHz	QPSK	132322	1RB#0	Range2:1000~10000MHz	-26.34	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range1:30~1000MHz	-35.73	PASS
Band66	20MHz	QPSK	132572	1RB#0	Range2:1000~10000MHz	-27.56	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range1:30~1000MHz	-35.71	PASS
Band66	20MHz	16QAM	132072	1RB#0	Range2:1000~10000MHz	-32.47	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range1:30~1000MHz	-35.64	PASS
Band66	20MHz	16QAM	132322	1RB#0	Range2:1000~10000MHz	-31.93	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range1:30~1000MHz	-35.53	PASS
Band66	20MHz	16QAM	132572	1RB#0	Range2:1000~10000MHz	-30.11	PASS

Test Graphs

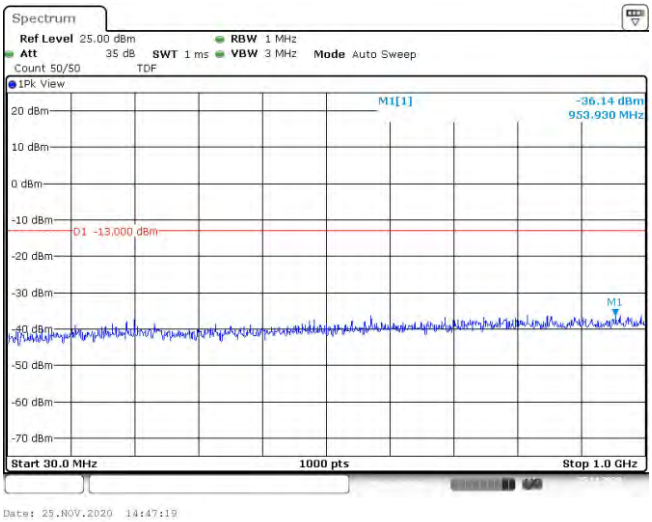
Band66-1.4MHz-QPSK-131979-1RB#0-Range1:30~1000MHz



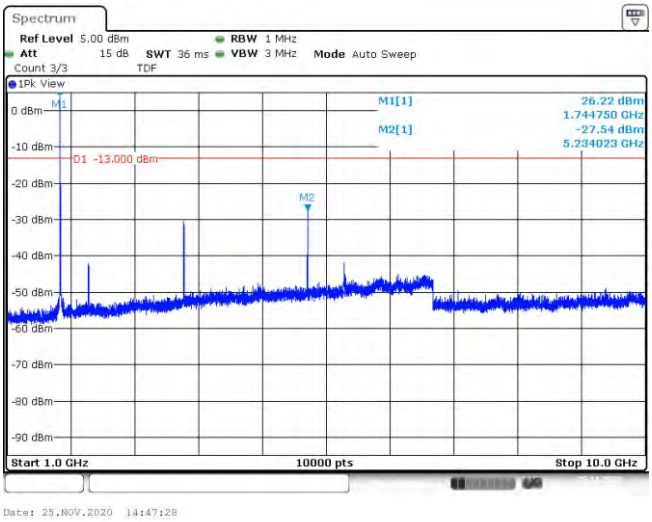
Band66-1.4MHz-QPSK-131979-1RB#0-Range2:1000~10000MHz



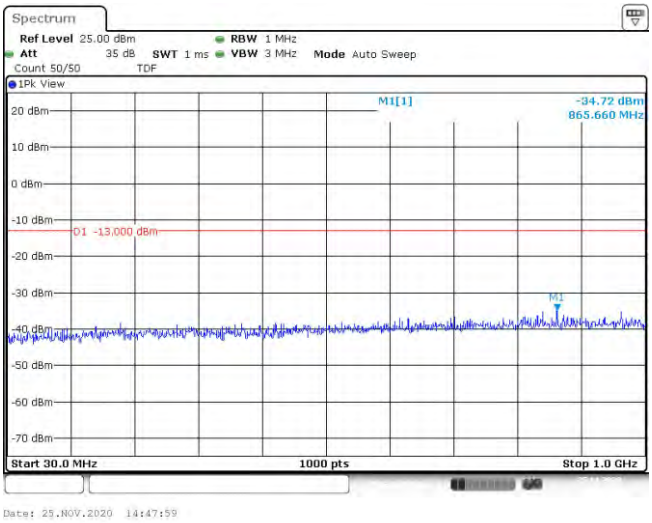
Band66-1.4MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



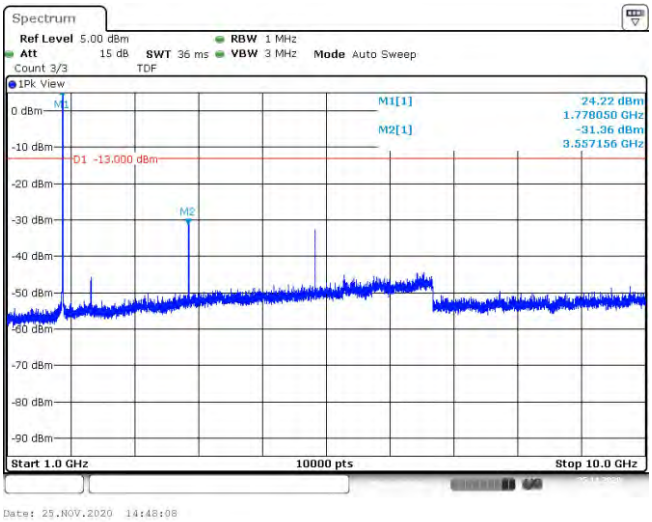
Band66-1.4MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



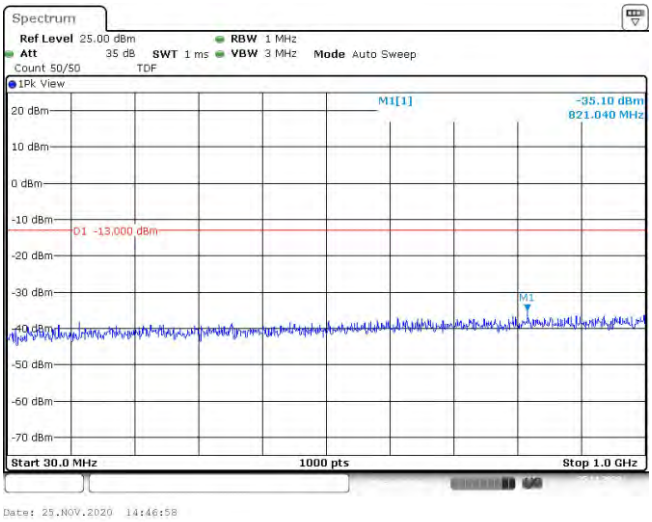
Band66-1.4MHz-QPSK-132665-1RB#0-Range1:30~1000MHz



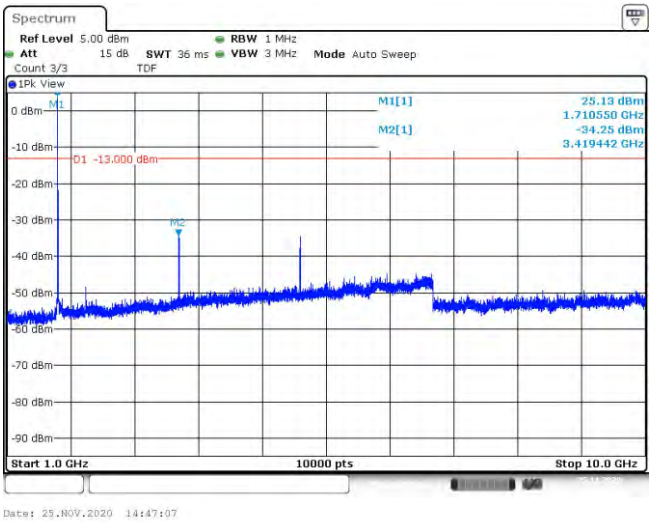
Band66-1.4MHz-QPSK-132665-1RB#0-Range2:1000~10000MHz



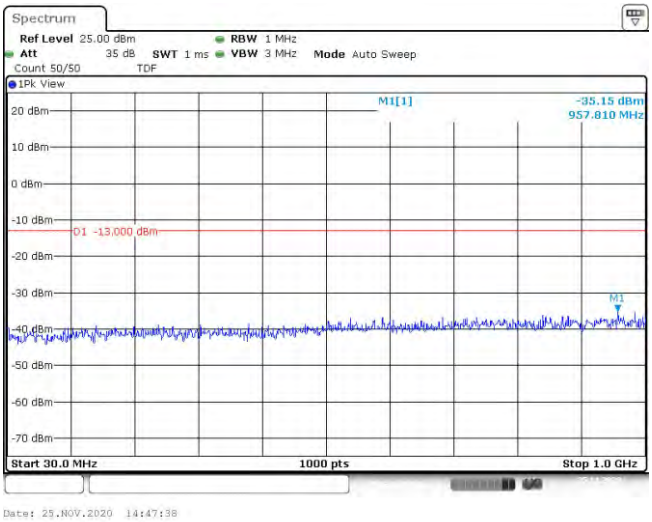
Band66-1.4MHz-16QAM-131979-1RB#0-Range1:30~1000MHz



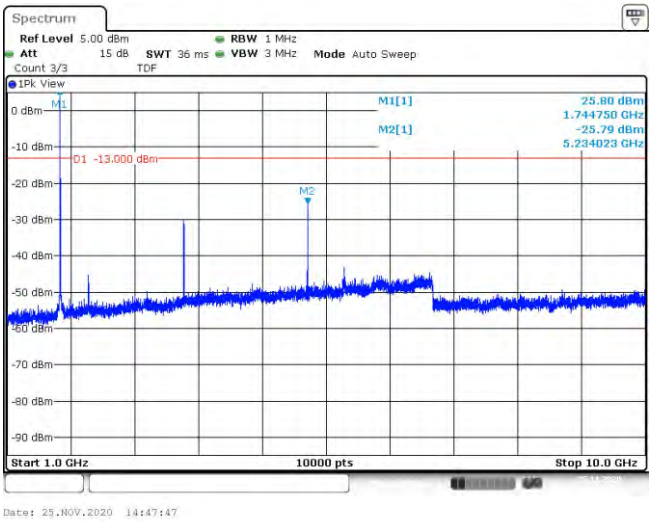
Band66-1.4MHz-16QAM-131979-1RB#0-Range2:1000~10000MHz



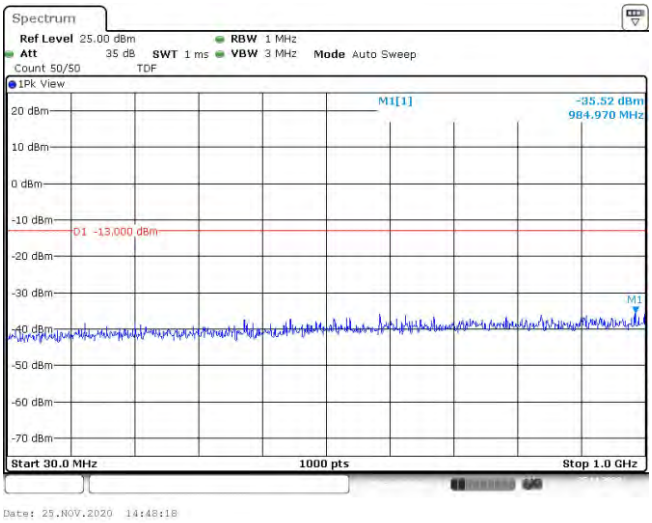
Band66-1.4MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



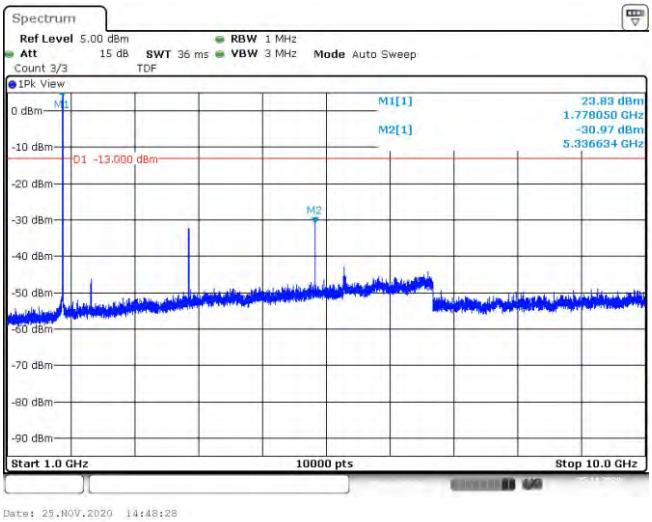
Band66-1.4MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



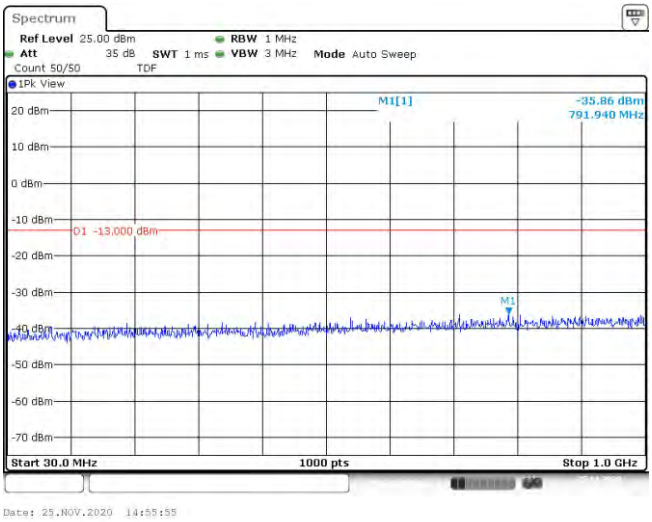
Band66-1.4MHz-16QAM-132665-1RB#0-Range1:30~1000MHz



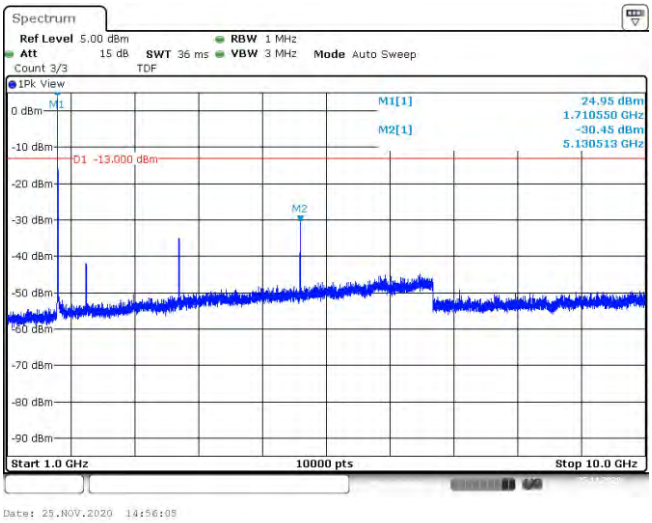
Band66-1.4MHz-16QAM-132665-1RB#0-Range2:1000~10000MHz



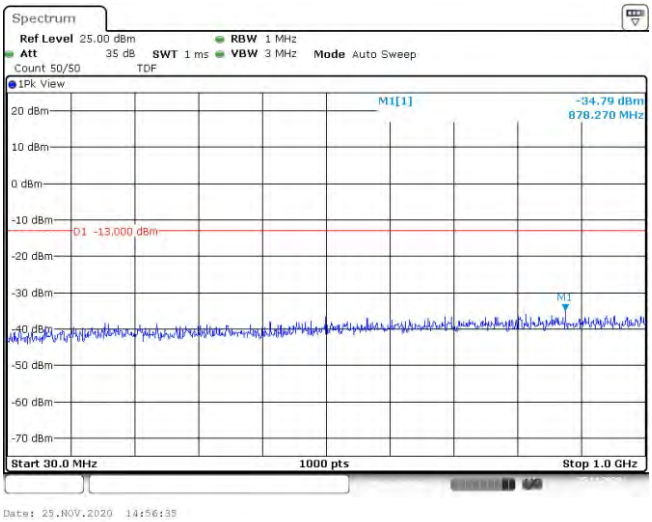
Band66-3MHz-QPSK-131987-1RB#0-Range1:30~1000MHz



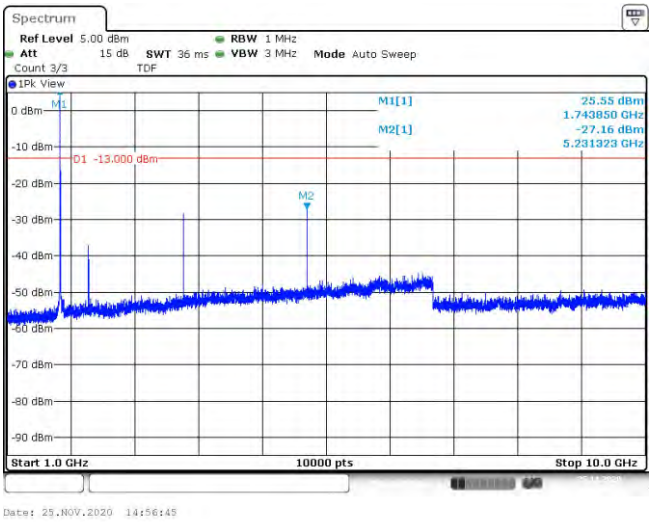
Band66-3MHz-QPSK-131987-1RB#0-Range2:1000~10000MHz



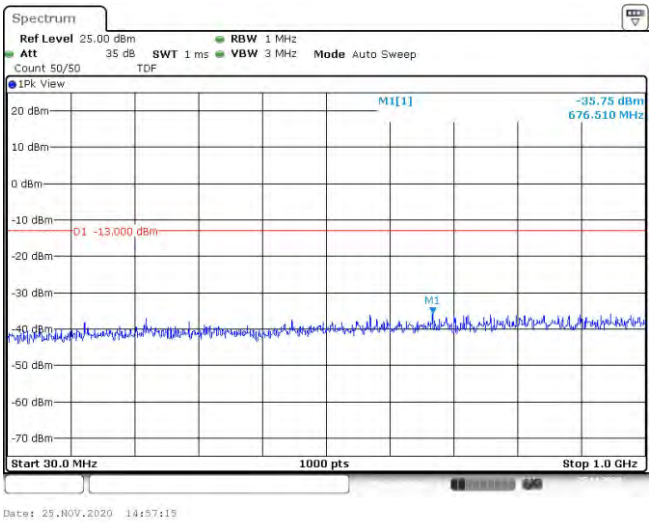
Band66-3MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



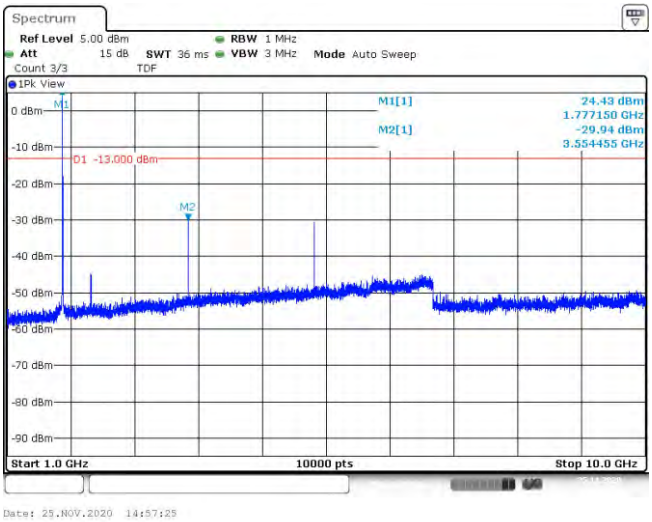
Band66-3MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



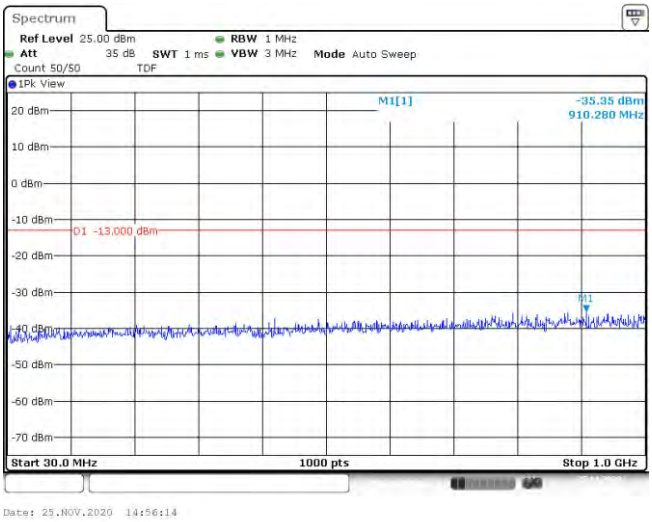
Band66-3MHz-QPSK-132657-1RB#0-Range1:30~1000MHz



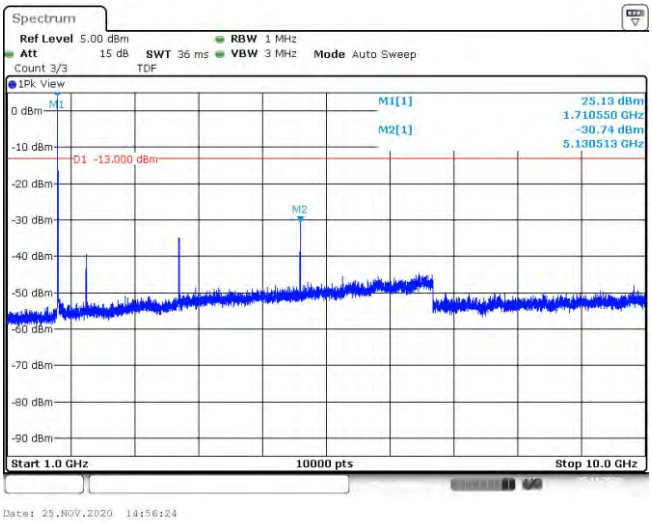
Band66-3MHz-QPSK-132657-1RB#0-Range2:1000~10000MHz



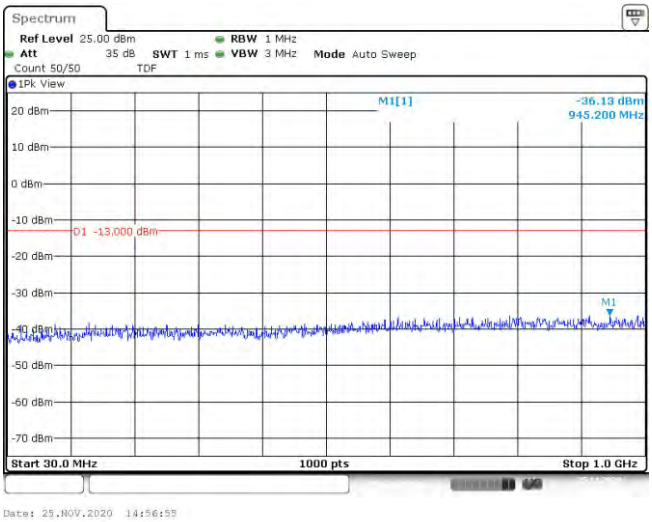
Band66-3MHz-16QAM-131987-1RB#0-Range1:30~1000MHz



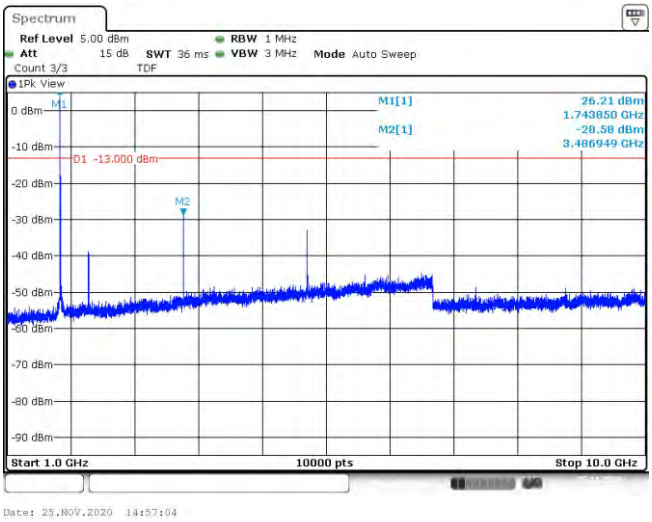
Band66-3MHz-16QAM-131987-1RB#0-Range2:1000~10000MHz



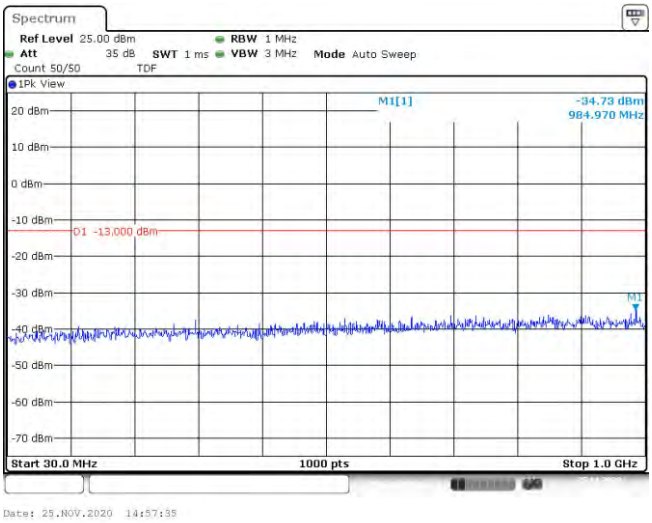
Band66-3MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



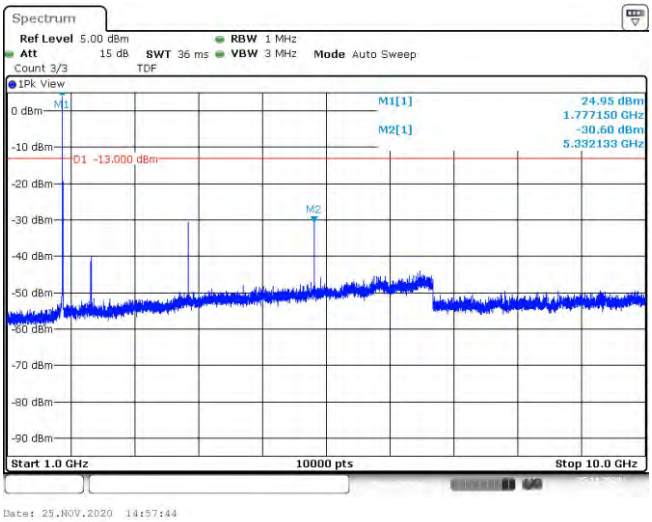
Band66-3MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



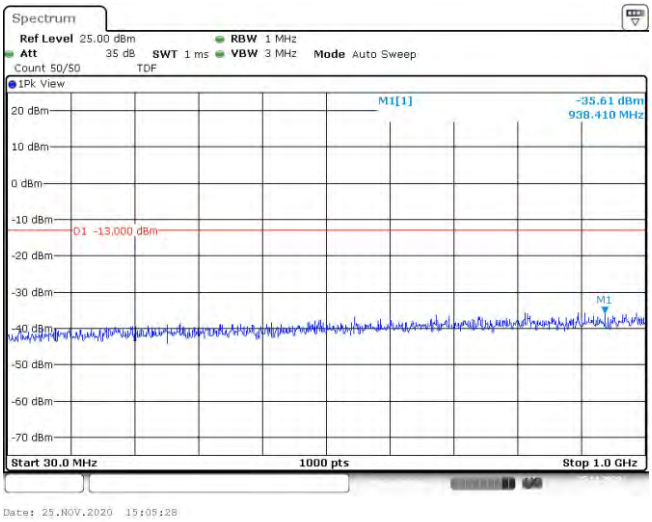
Band66-3MHz-16QAM-132657-1RB#0-Range1:30~1000MHz



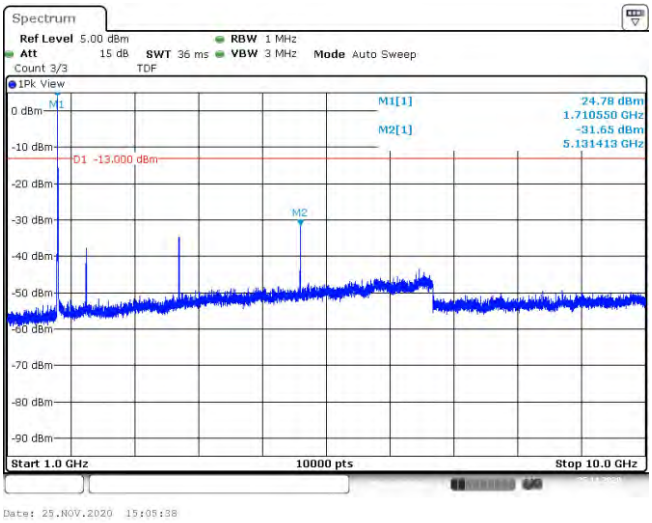
Band66-3MHz-16QAM-132657-1RB#0-Range2:1000~10000MHz



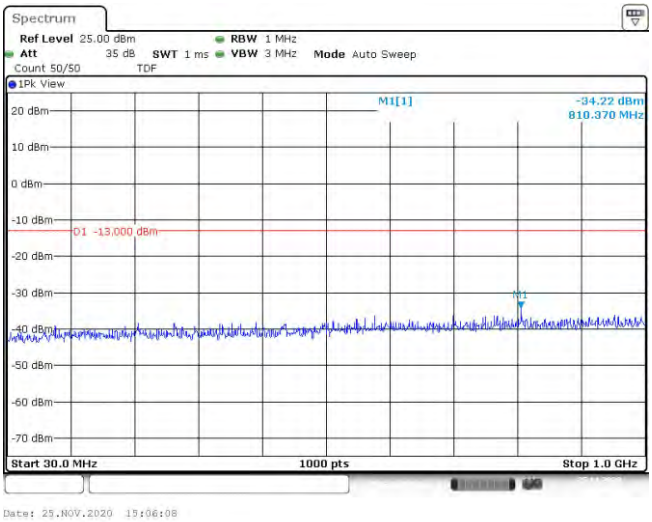
Band66-5MHz-QPSK-131997-1RB#0-Range1:30~1000MHz



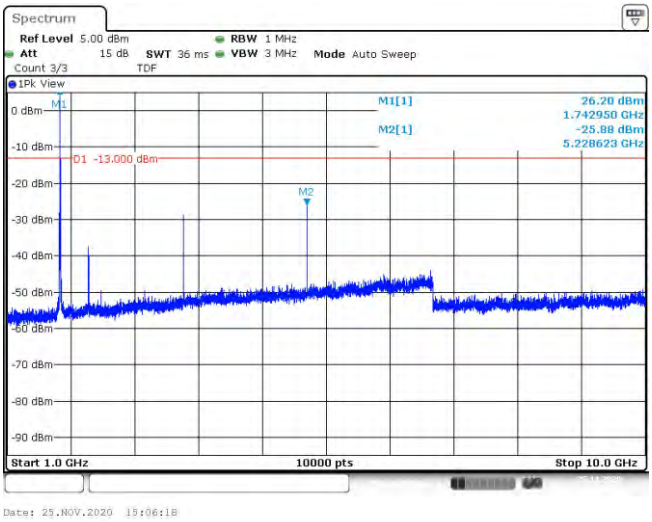
Band66-5MHz-QPSK-131997-1RB#0-Range2:1000~10000MHz



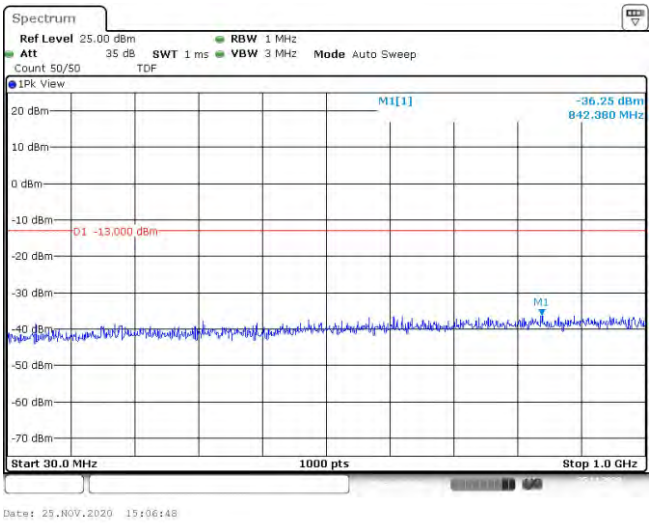
Band66-5MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



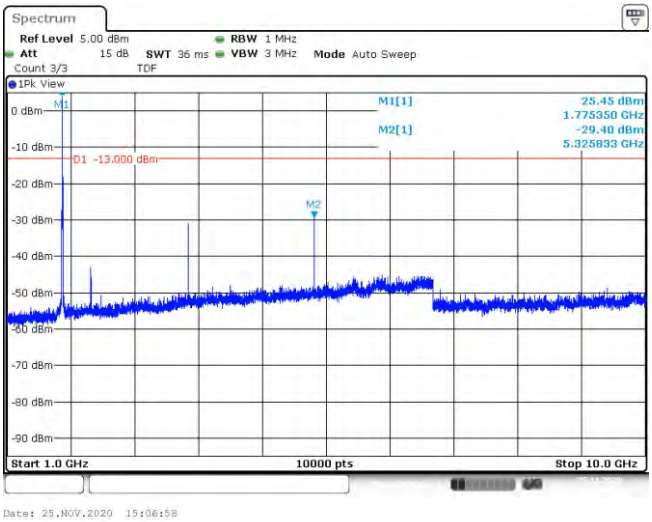
Band66-5MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



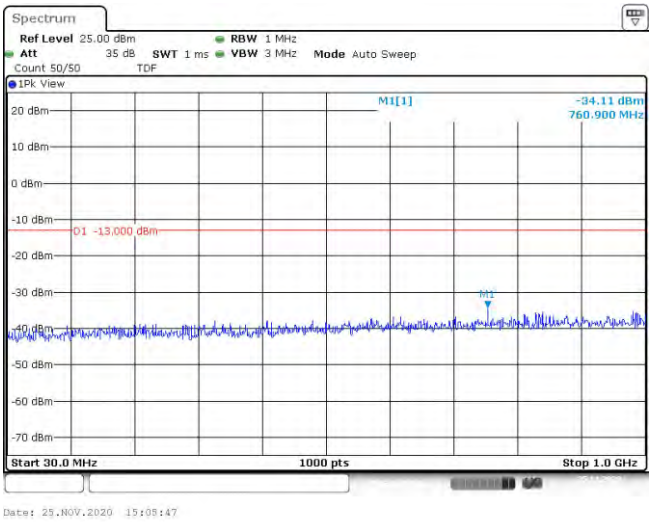
Band66-5MHz-QPSK-132647-1RB#0-Range1:30~1000MHz



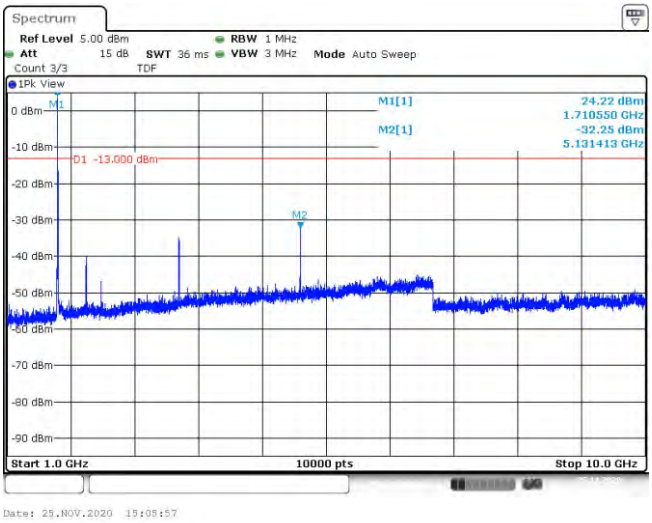
Band66-5MHz-QPSK-132647-1RB#0-Range2:1000~10000MHz



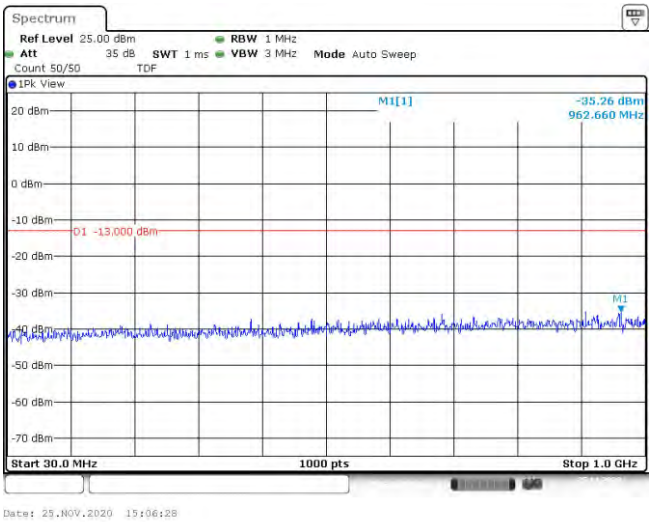
Band66-5MHz-16QAM-131997-1RB#0-Range1:30~1000MHz



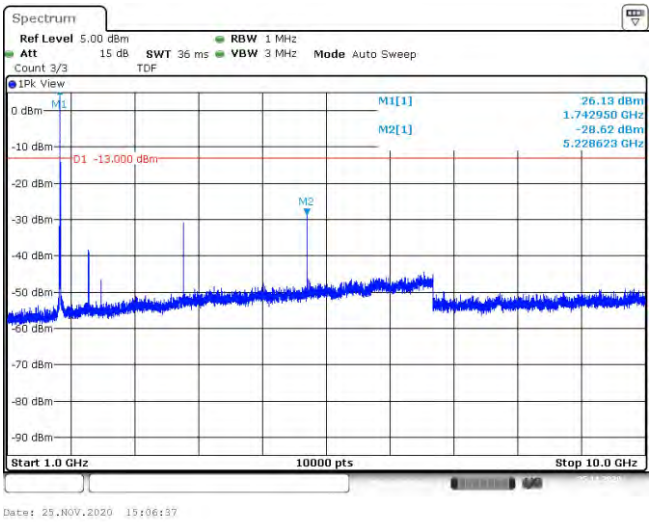
Band66-5MHz-16QAM-131997-1RB#0-Range2:1000~10000MHz



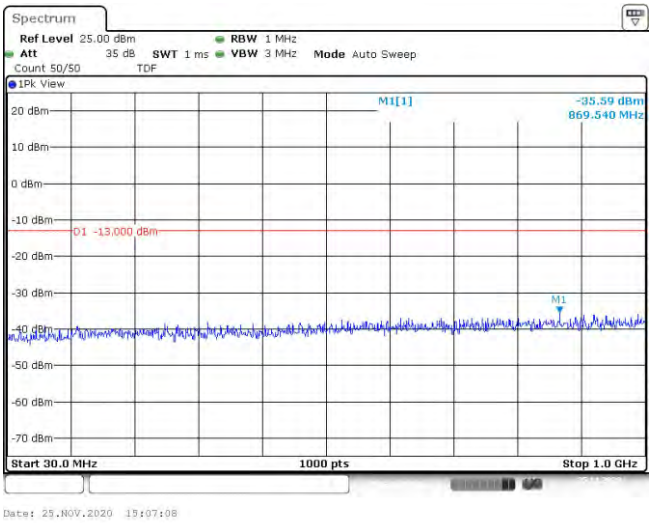
Band66-5MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



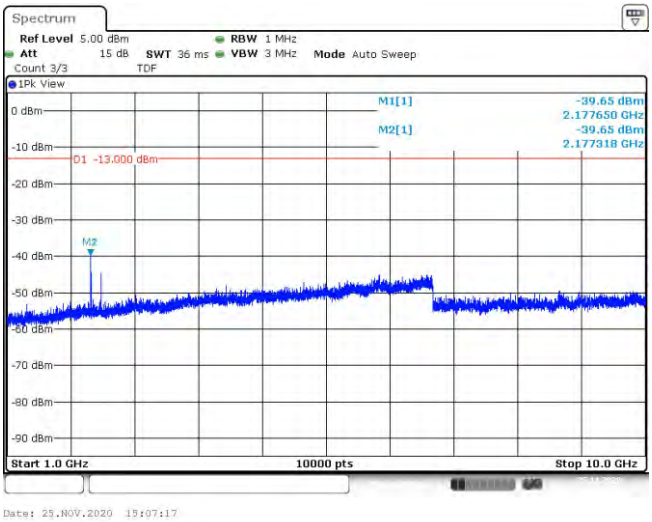
Band66-5MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



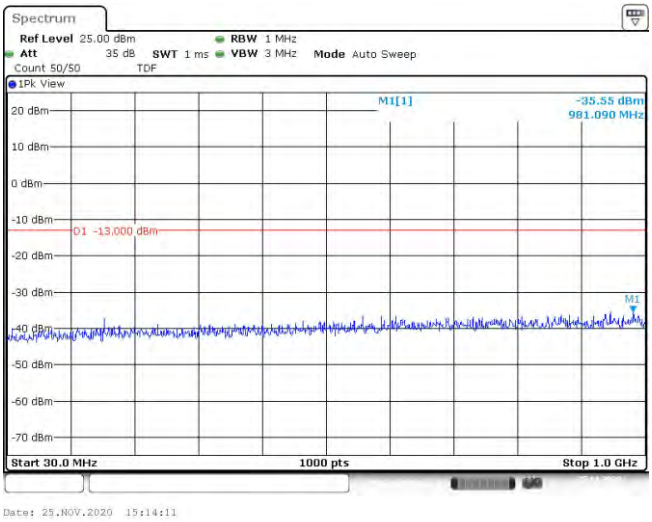
Band66-5MHz-16QAM-132647-1RB#0-Range1:30~1000MHz



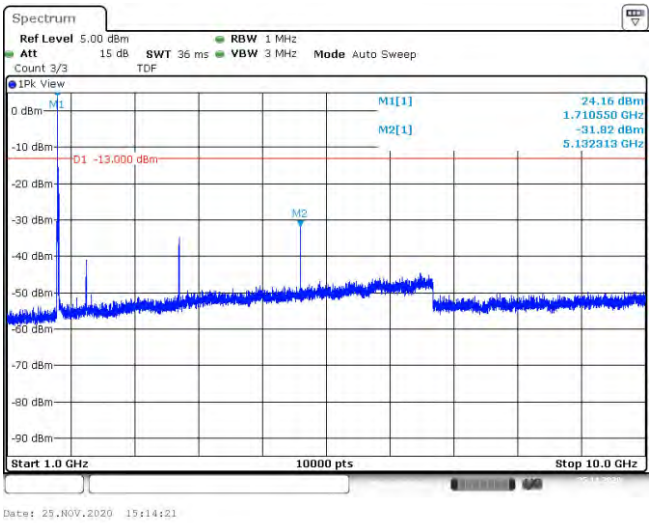
Band66-5MHz-16QAM-132647-1RB#0-Range2:1000~10000MHz



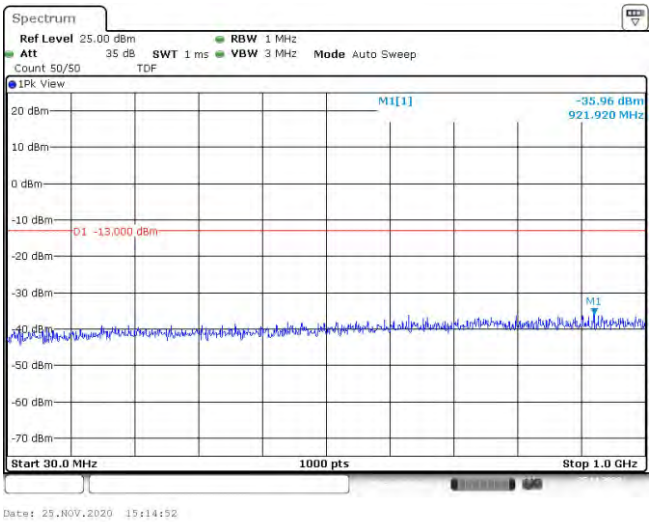
Band66-10MHz-QPSK-132022-1RB#0-Range1:30~1000MHz



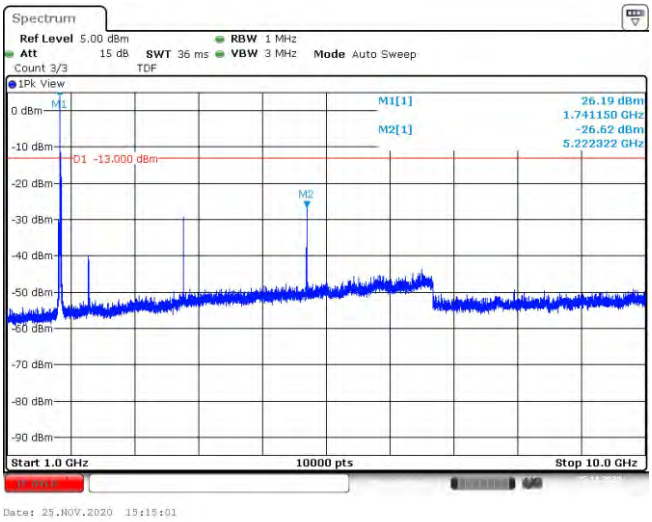
Band66-10MHz-QPSK-132022-1RB#0-Range2:1000~10000MHz



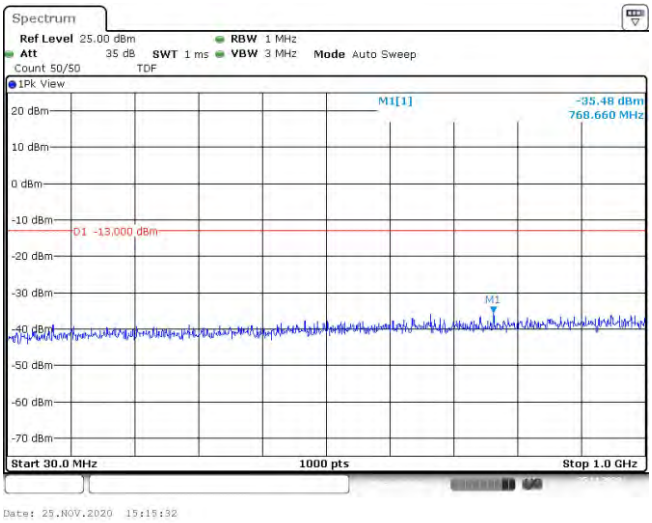
Band66-10MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



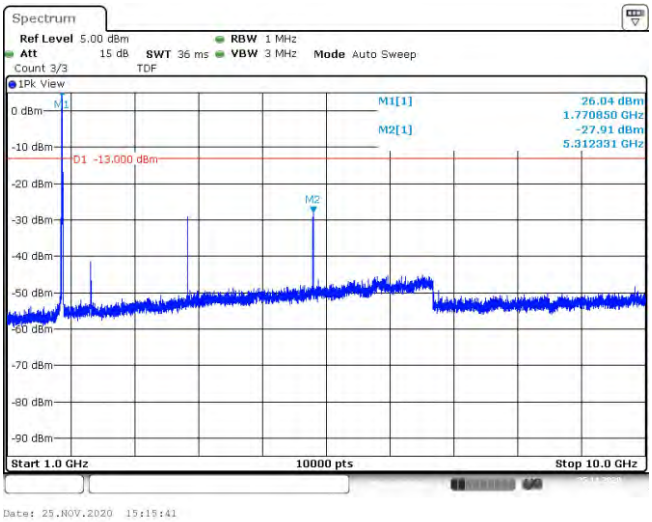
Band66-10MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



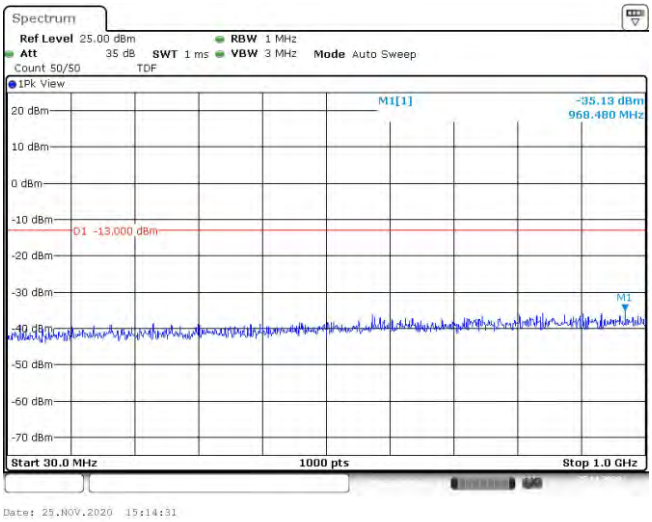
Band66-10MHz-QPSK-132622-1RB#0-Range1:30~1000MHz



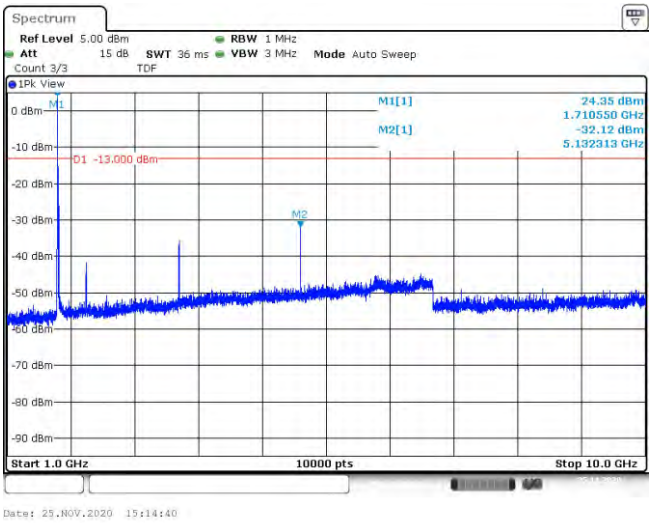
Band66-10MHz-QPSK-132622-1RB#0-Range2:1000~10000MHz



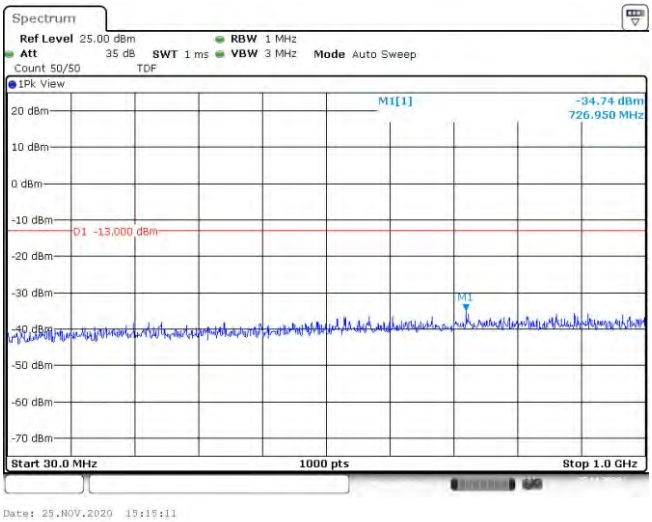
Band66-10MHz-16QAM-132022-1RB#0-Range1:30~1000MHz



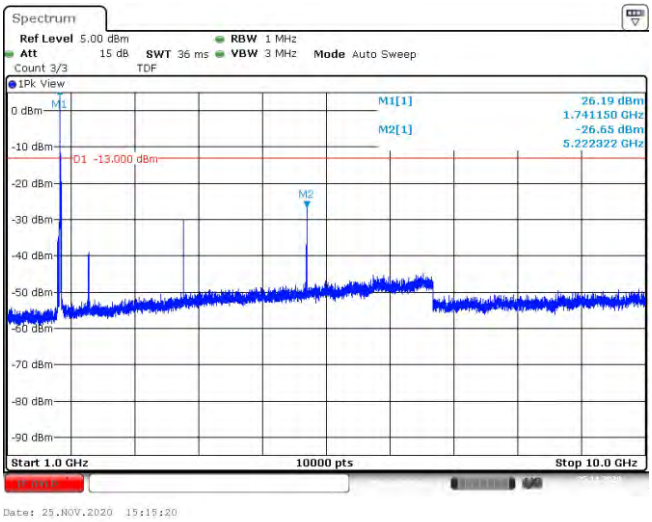
Band66-10MHz-16QAM-132022-1RB#0-Range2:1000~10000MHz



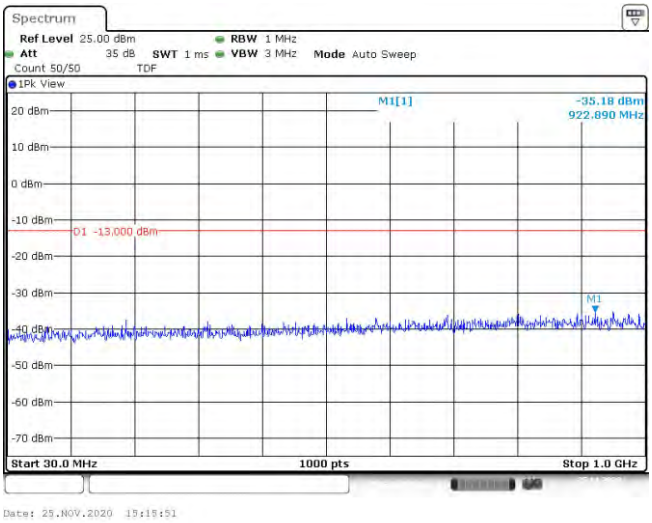
Band66-10MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



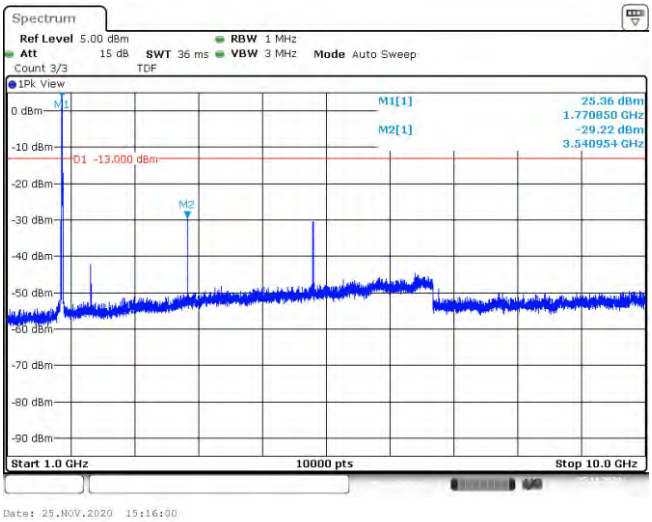
Band66-10MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



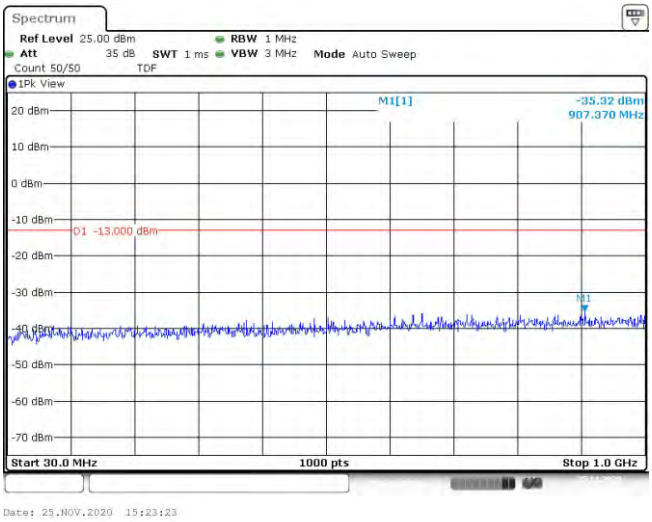
Band66-10MHz-16QAM-132622-1RB#0-Range1:30~1000MHz



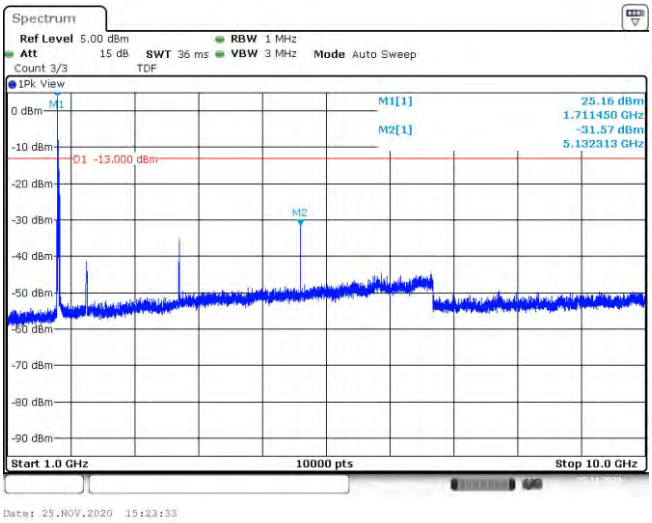
Band66-10MHz-16QAM-132622-1RB#0-Range2:1000~10000MHz



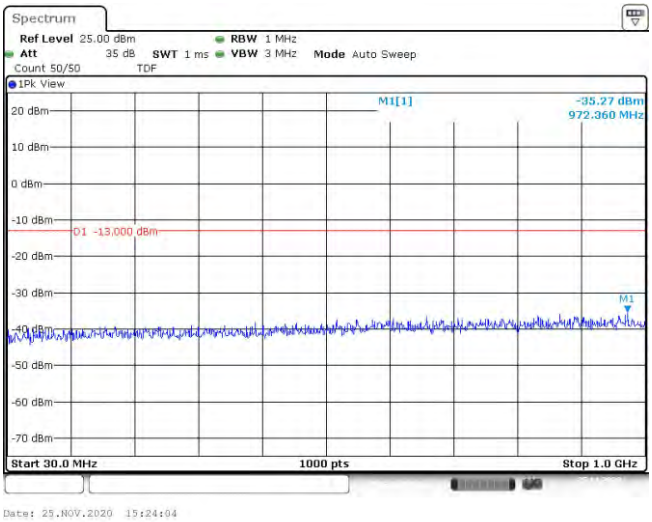
Band66-15MHz-QPSK-132047-1RB#0-Range1:30~1000MHz



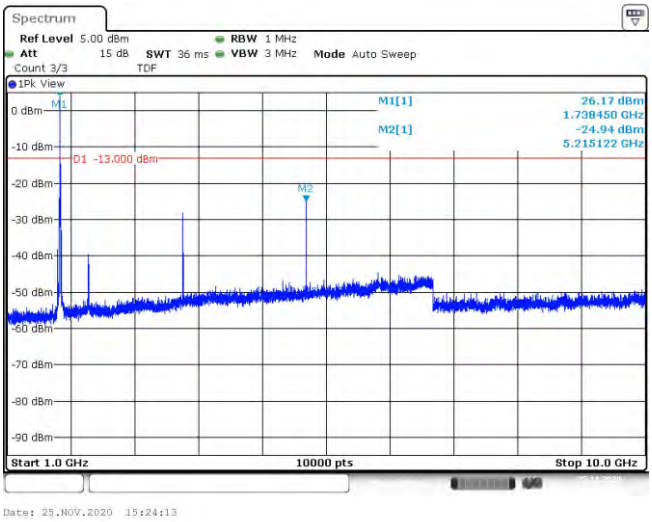
Band66-15MHz-QPSK-132047-1RB#0-Range2:1000~10000MHz



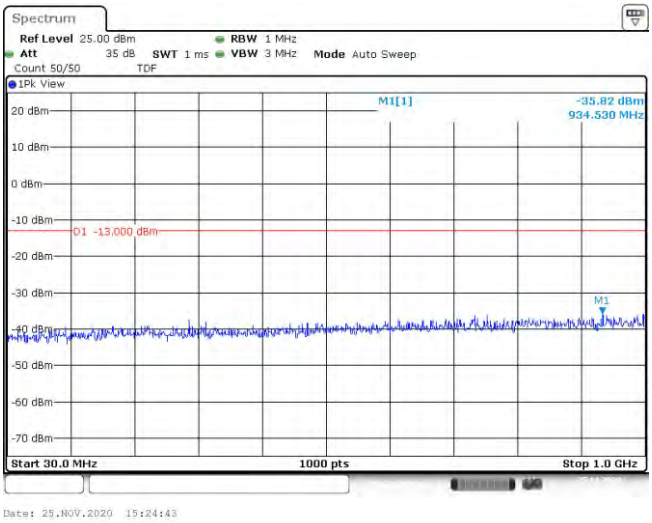
Band66-15MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



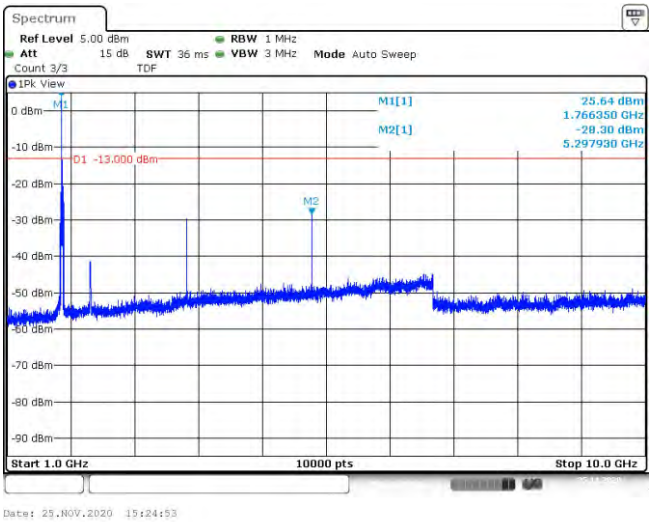
Band66-15MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



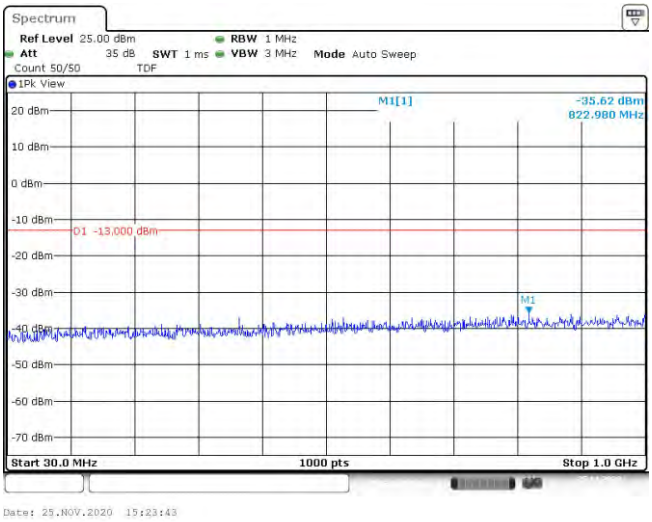
Band66-15MHz-QPSK-132597-1RB#0-Range1:30~1000MHz



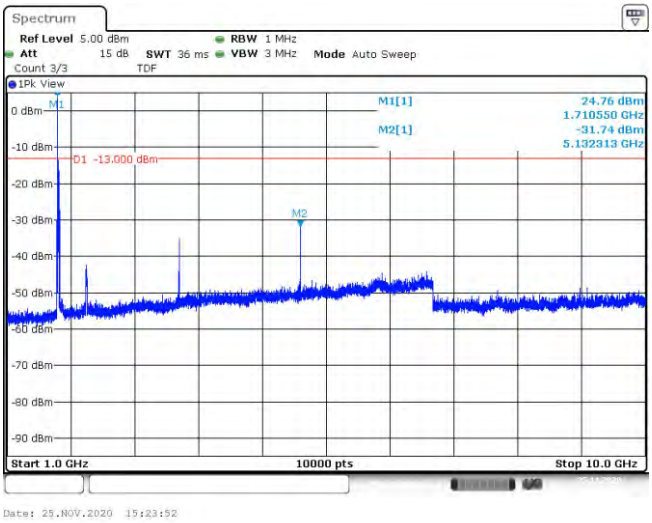
Band66-15MHz-QPSK-132597-1RB#0-Range2:1000~10000MHz



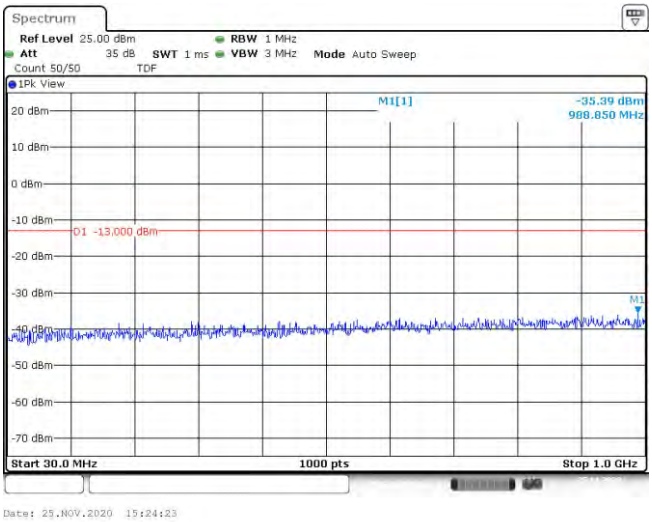
Band66-15MHz-16QAM-132047-1RB#0-Range1:30~1000MHz



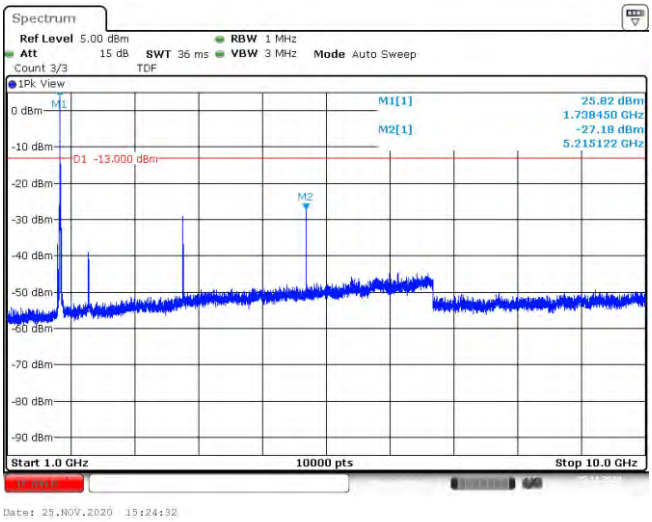
Band66-15MHz-16QAM-132047-1RB#0-Range2:1000~10000MHz



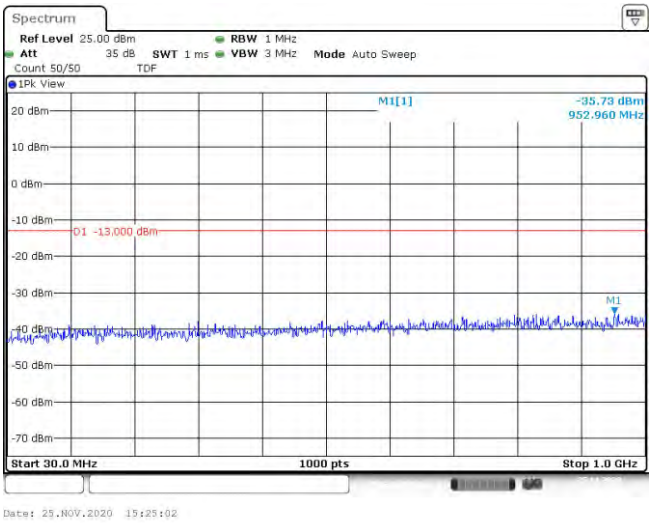
Band66-15MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



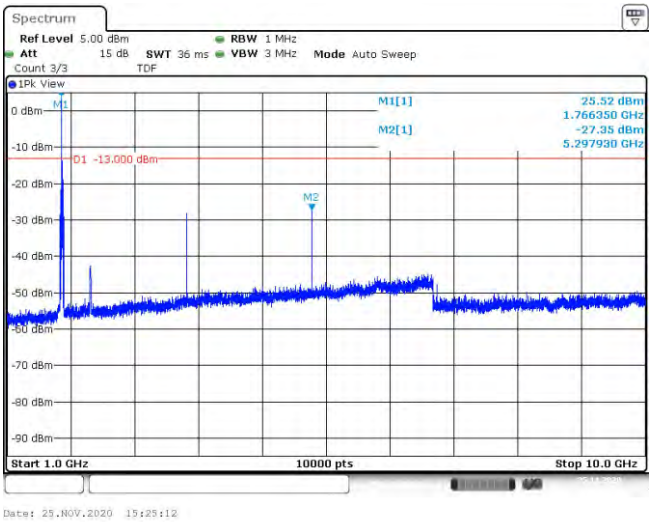
Band66-15MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



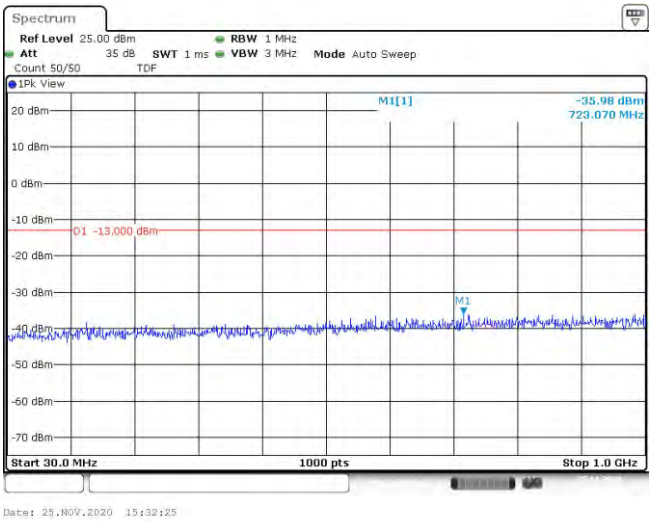
Band66-15MHz-16QAM-132597-1RB#0-Range1:30~1000MHz



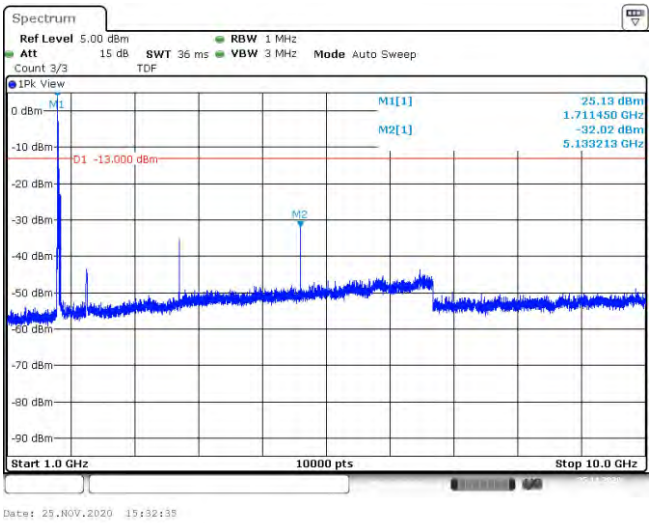
Band66-15MHz-16QAM-132597-1RB#0-Range2:1000~10000MHz



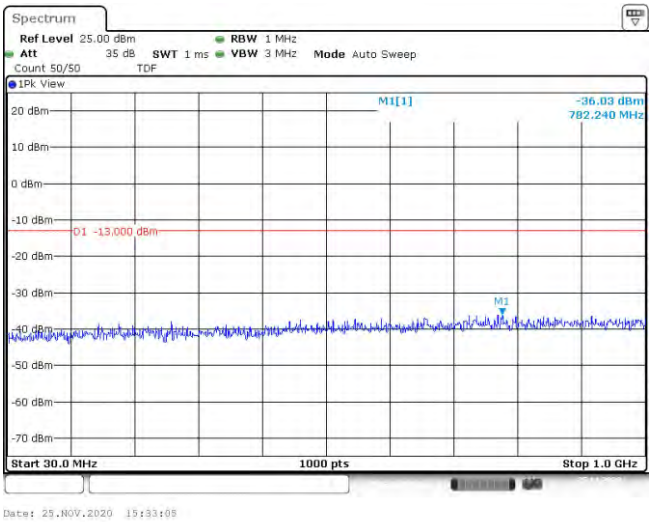
Band66-20MHz-QPSK-132072-1RB#0-Range1:30~1000MHz



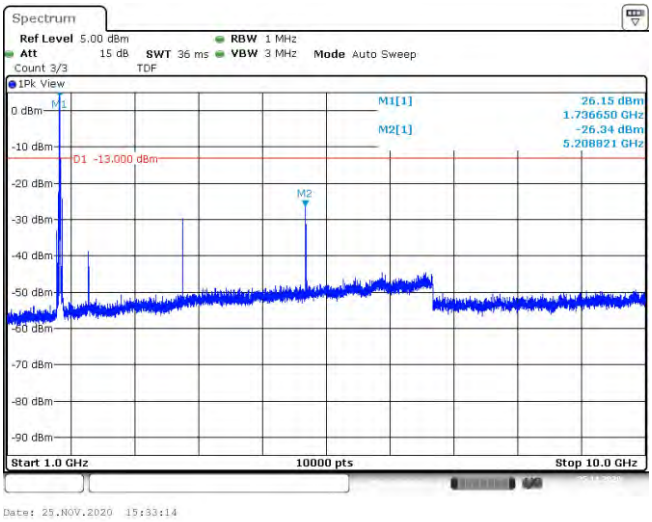
Band66-20MHz-QPSK-132072-1RB#0-Range2:1000~10000MHz



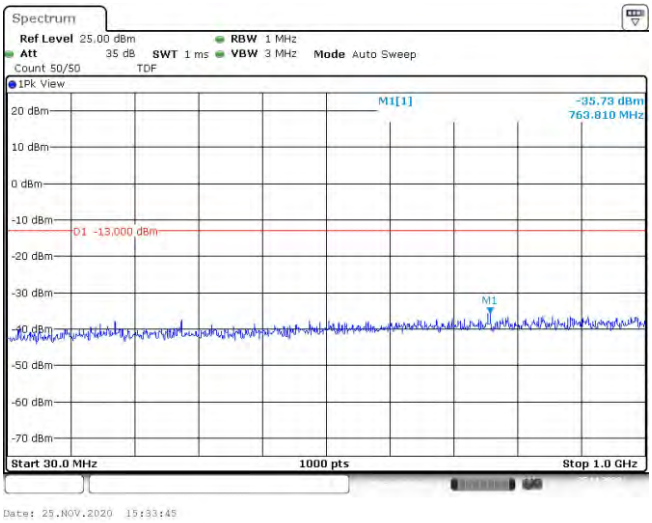
Band66-20MHz-QPSK-132322-1RB#0-Range1:30~1000MHz



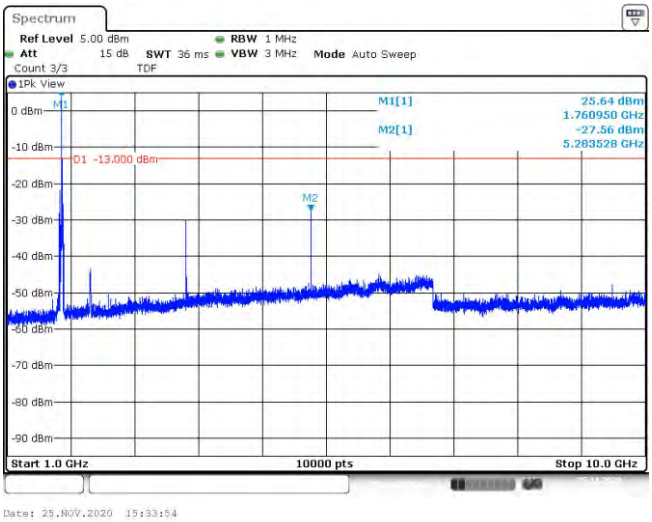
Band66-20MHz-QPSK-132322-1RB#0-Range2:1000~10000MHz



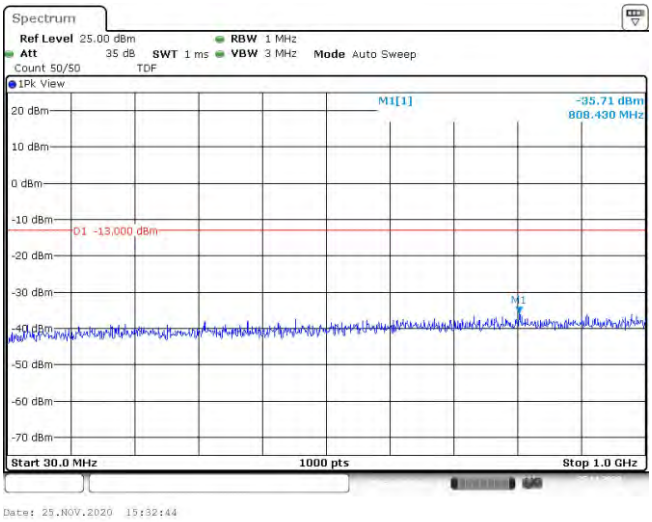
Band66-20MHz-QPSK-132572-1RB#0-Range1:30~1000MHz



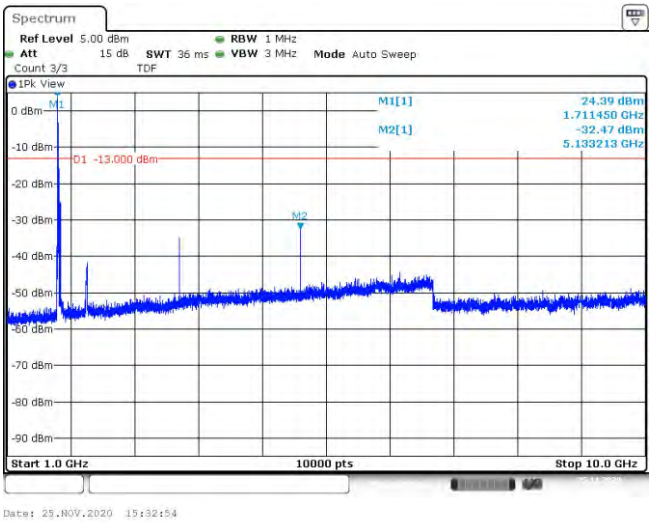
Band66-20MHz-QPSK-132572-1RB#0-Range2:1000~10000MHz



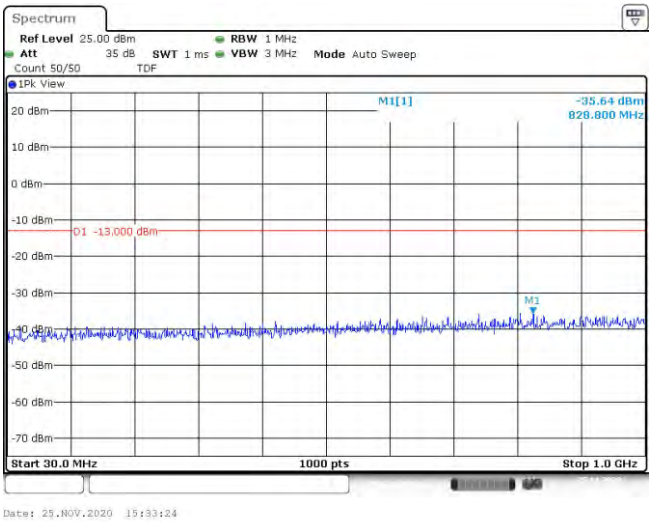
Band66-20MHz-16QAM-132072-1RB#0-Range1:30~1000MHz



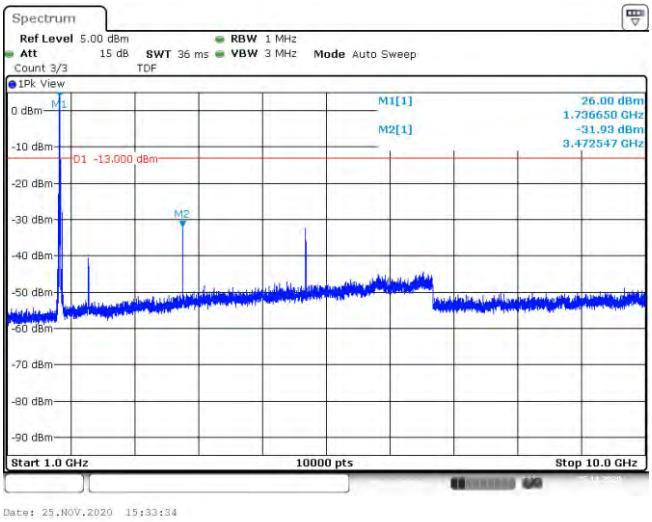
Band66-20MHz-16QAM-132072-1RB#0-Range2:1000~10000MHz



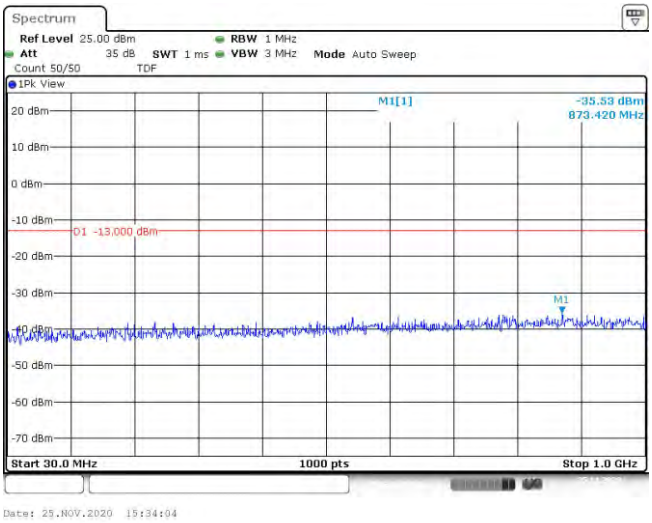
Band66-20MHz-16QAM-132322-1RB#0-Range1:30~1000MHz



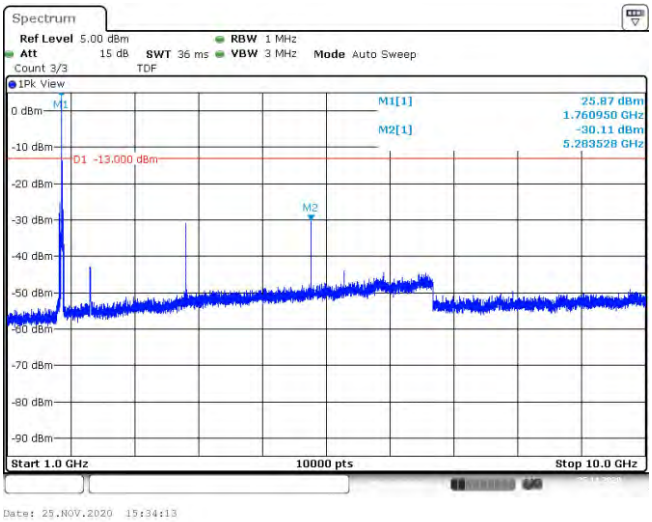
Band66-20MHz-16QAM-132322-1RB#0-Range2:1000~10000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range1:30~1000MHz



Band66-20MHz-16QAM-132572-1RB#0-Range2:1000~10000MHz



Appendix F: Frequency Stability

Test Result

Voltage										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	VL	NT	4.98	0.002911	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	VN	NT	4.78	0.002794	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	VH	NT	4.91	0.002870	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VL	NT	-8.83	-0.005060	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VN	NT	-6.34	-0.003633	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	VH	NT	-5.87	-0.003364	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	VL	NT	-3.73	-0.002096	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	VN	NT	4.06	0.002282	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	VH	NT	-2.43	-0.001366	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	VL	NT	4.84	0.002829	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	VN	NT	6.31	0.003689	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	VH	NT	3.96	0.002315	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VL	NT	-6.62	-0.003794	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VN	NT	-10.00	-0.005731	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	VH	NT	-3.52	-0.002017	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	VL	NT	4.12	0.002316	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	VN	NT	3.58	0.002012	±2.5	PASS
Band6	1.4MHz	16QAM	13266	6RB#0	VH	NT	3.12	0.001753	±2.5	PASS

6			5							
Band66	3MHz	QPSK	131987	15RB#0	VL	NT	4.43	0.002588	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	VN	NT	3.71	0.002168	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	VH	NT	3.56	0.002080	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VL	NT	-5.95	-0.003410	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VN	NT	-4.15	-0.002378	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	VH	NT	-8.08	-0.004630	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	VL	NT	6.42	0.003610	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	VN	NT	4.58	0.002575	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	VH	NT	5.16	0.002901	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	VL	NT	5.16	0.003015	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	VN	NT	-4.81	-0.002810	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	VH	NT	-3.52	-0.002057	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VL	NT	-5.45	-0.003123	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VN	NT	-5.79	-0.003318	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	VH	NT	-7.18	-0.004115	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	VL	NT	8.54	0.004802	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	VN	NT	3.46	0.001945	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	VH	NT	3.16	0.001777	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	VL	NT	6.62	0.003866	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	VN	NT	4.91	0.002867	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	VH	NT	-2.69	-0.001571	±2.5	PASS

Band66	5MHz	QPSK	132322	25RB#0	VL	NT	-7.02	-0.004023	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	VN	NT	-6.27	-0.003593	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	VH	NT	-6.52	-0.003736	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	VL	NT	3.49	0.001963	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	VN	NT	-3.63	-0.002042	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	VH	NT	4.71	0.002650	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	VL	NT	2.19	0.001279	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	VN	NT	5.45	0.003182	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	VH	NT	3.88	0.002266	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VL	NT	-5.41	-0.003100	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VN	NT	-4.22	-0.002418	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	VH	NT	-8.44	-0.004837	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	VL	NT	-4.58	-0.002577	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	VN	NT	3.75	0.002110	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	VH	NT	3.85	0.002166	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	VL	NT	-5.58	-0.003254	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	VN	NT	-6.97	-0.004064	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	VH	NT	-5.76	-0.003359	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VL	NT	-6.75	-0.003868	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VN	NT	-5.12	-0.002934	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	VH	NT	-9.21	-0.005278	±2.5	PASS
Band6	10MHz	QPSK	13262	50RB#0	VL	NT	-8.38	-0.004721	±2.5	PASS

6			2							
Band66	10MHz	QPSK	132622	50RB#0	VN	NT	-3.99	-0.002248	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	VH	NT	-8.41	-0.004738	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	VL	NT	-7.08	-0.004128	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	VN	NT	-4.09	-0.002385	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	VH	NT	-5.58	-0.003254	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VL	NT	-6.15	-0.003524	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VN	NT	-8.65	-0.004957	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	VH	NT	-8.55	-0.004900	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	VL	NT	-5.29	-0.002980	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	VN	NT	-9.18	-0.005172	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	VH	NT	-4.72	-0.002659	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	VL	NT	3.38	0.001968	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	VN	NT	5.75	0.003348	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	VH	NT	3.22	0.001875	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	VL	NT	-7.88	-0.004516	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	VN	NT	-7.84	-0.004493	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	VH	NT	-9.77	-0.005599	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	VL	NT	-4.94	-0.002787	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	VN	NT	6.92	0.003904	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	VH	NT	-6.17	-0.003481	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	VL	NT	-4.42	-0.002574	±2.5	PASS

Band66	15MHz	16QAM	132047	75RB#0	VN	NT	-5.46	-0.003179	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	VH	NT	4.31	0.002509	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VL	NT	-5.49	-0.003146	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VN	NT	-7.24	-0.004149	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	VH	NT	-5.92	-0.003393	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	VL	NT	4.81	0.002714	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	VN	NT	6.67	0.003763	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	VH	NT	-3.98	-0.002245	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VL	NT	5.82	0.003384	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VN	NT	4.52	0.002628	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	VH	NT	4.86	0.002826	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VL	NT	-9.30	-0.005330	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VN	NT	-6.78	-0.003885	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	VH	NT	-7.88	-0.004516	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VL	NT	-3.65	-0.002062	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VN	NT	-4.13	-0.002333	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	VH	NT	-3.69	-0.002085	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VL	NT	-3.03	-0.001762	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VN	NT	3.12	0.001814	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	VH	NT	3.88	0.002256	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	VL	NT	-5.16	-0.002957	±2.5	PASS
Band6	20MHz	16QAM	13232	100RB#0	VN	NT	-5.44	-0.003117	±2.5	PASS

6			2							
Band66	20MHz	16QAM	132322	100RB#0	VH	NT	-6.31	-0.003616	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VL	NT	3.82	0.002158	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VN	NT	5.81	0.003282	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	VH	NT	3.71	0.002096	±2.5	PASS

Temperature										
Band	Bandwidth	Modulation	Channel	RB Configure	Voltage [Vdc]	Temperature (℃)	Deviation (Hz)	Deviation (ppm)	Limit (ppm)	Verdict
Band66	1.4MHz	QPSK	131979	6RB#0	NV	-30	-3.22	-0.001882	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	NV	-20	5.22	0.003051	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	NV	0	-2.86	-0.001672	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	NV	10	4.98	0.002911	±2.5	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	NV	20	-5.11	-0.002987	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	-30	-6.42	-0.003679	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	-20	-5.76	-0.003301	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	0	-7.88	-0.004516	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	10	-3.39	-0.001943	±2.5	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	NV	20	-7.30	-0.004183	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	NV	-30	-3.28	-0.001843	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	NV	-20	-3.59	-0.002018	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	NV	0	3.09	0.001737	±2.5	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	NV	10	-4.25	-0.002389	±2.5	PASS
Band6	1.4MHz	QPSK	13266	6RB#0	NV	20	-2.49	-0.001399	±2.5	PASS

6			5							
Band66	1.4MHz	16QAM	131979	6RB#0	NV	-30	3.08	0.001800	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	NV	-20	4.06	0.002373	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	NV	0	3.30	0.001929	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	NV	10	5.32	0.003110	±2.5	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	NV	20	4.13	0.002414	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	NV	-30	-6.65	-0.003811	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	NV	-20	-6.88	-0.003943	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	NV	0	-5.16	-0.002957	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	NV	10	-6.85	-0.003926	±2.5	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	NV	20	-6.98	-0.004000	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	NV	-30	-4.72	-0.002653	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	NV	-20	-5.58	-0.003136	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	NV	0	-4.41	-0.002479	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	NV	10	-4.61	-0.002591	±2.5	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	NV	20	-4.18	-0.002349	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	NV	-30	4.65	0.002717	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	NV	-20	3.35	0.001957	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	NV	0	-3.23	-0.001887	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	NV	10	-4.03	-0.002355	±2.5	PASS
Band66	3MHz	QPSK	131987	15RB#0	NV	20	-3.39	-0.001981	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	NV	-30	-8.24	-0.004722	±2.5	PASS

Band66	3MHz	QPSK	132322	15RB#0	NV	-20	-6.35	-0.003639	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	NV	0	-6.45	-0.003696	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	NV	10	-6.57	-0.003765	±2.5	PASS
Band66	3MHz	QPSK	132322	15RB#0	NV	20	-9.90	-0.005673	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	NV	-30	4.11	0.002311	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	NV	-20	2.45	0.001378	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	NV	0	7.10	0.003992	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	NV	10	7.54	0.004240	±2.5	PASS
Band66	3MHz	QPSK	132657	15RB#0	NV	20	7.65	0.004301	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	NV	-30	5.69	0.003325	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	NV	-20	5.05	0.002951	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	NV	0	4.69	0.002740	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	NV	10	3.42	0.001998	±2.5	PASS
Band66	3MHz	16QAM	131987	15RB#0	NV	20	-4.15	-0.002425	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	NV	-30	-6.08	-0.003484	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	NV	-20	-6.07	-0.003479	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	NV	0	-6.08	-0.003484	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	NV	10	-5.06	-0.002900	±2.5	PASS
Band66	3MHz	16QAM	132322	15RB#0	NV	20	-4.09	-0.002344	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	NV	-30	3.30	0.001855	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	NV	-20	5.98	0.003362	±2.5	PASS
Band6	3MHz	16QAM	13265	15RB#0	NV	0	2.29	0.001288	±2.5	PASS

6			7							
Band66	3MHz	16QAM	132657	15RB#0	NV	10	7.80	0.004386	±2.5	PASS
Band66	3MHz	16QAM	132657	15RB#0	NV	20	3.62	0.002035	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	NV	-30	5.04	0.002943	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	NV	-20	3.25	0.001898	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	NV	0	4.52	0.002639	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	NV	10	4.08	0.002382	±2.5	PASS
Band66	5MHz	QPSK	131997	25RB#0	NV	20	3.50	0.002044	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	NV	-30	-6.24	-0.003576	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	NV	-20	-9.17	-0.005255	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	NV	0	-5.84	-0.003347	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	NV	10	-8.23	-0.004716	±2.5	PASS
Band66	5MHz	QPSK	132322	25RB#0	NV	20	-6.12	-0.003507	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	NV	-30	2.85	0.001603	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	NV	-20	-4.19	-0.002357	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	NV	0	-3.30	-0.001857	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	NV	10	-3.86	-0.002172	±2.5	PASS
Band66	5MHz	QPSK	132647	25RB#0	NV	20	-4.13	-0.002323	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	NV	-30	6.57	0.003836	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	NV	-20	3.82	0.002231	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	NV	0	2.80	0.001635	±2.5	PASS
Band66	5MHz	16QAM	131997	25RB#0	NV	10	3.71	0.002166	±2.5	PASS

Band66	5MHz	16QAM	131997	25RB#0	NV	20	6.47	0.003778	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	NV	-30	-6.74	-0.003862	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	NV	-20	-4.98	-0.002854	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	NV	0	-7.55	-0.004327	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	NV	10	-6.19	-0.003547	±2.5	PASS
Band66	5MHz	16QAM	132322	25RB#0	NV	20	-6.24	-0.003576	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	NV	-30	3.69	0.002076	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	NV	-20	-4.72	-0.002655	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	NV	0	4.18	0.002352	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	NV	10	3.69	0.002076	±2.5	PASS
Band66	5MHz	16QAM	132647	25RB#0	NV	20	4.49	0.002526	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	-30	-6.92	-0.004035	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	-20	-5.71	-0.003329	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	0	-4.73	-0.002758	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	10	-6.62	-0.003860	±2.5	PASS
Band66	10MHz	QPSK	132022	50RB#0	NV	20	-7.31	-0.004262	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	NV	-30	-5.06	-0.002900	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	NV	-20	-6.71	-0.003845	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	NV	0	-7.82	-0.004481	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	NV	10	-6.04	-0.003461	±2.5	PASS
Band66	10MHz	QPSK	132322	50RB#0	NV	20	-4.32	-0.002476	±2.5	PASS
Band6	10MHz	QPSK	13262	50RB#0	NV	-30	-6.90	-0.003887	±2.5	PASS

6			2							
Band66	10MHz	QPSK	132622	50RB#0	NV	-20	-11.57	-0.006518	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	0	-8.77	-0.004941	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	10	-6.31	-0.003555	±2.5	PASS
Band66	10MHz	QPSK	132622	50RB#0	NV	20	-8.23	-0.004637	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	NV	-30	-5.87	-0.003423	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	NV	-20	-8.75	-0.005102	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	NV	0	-5.42	-0.003160	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	NV	10	-7.05	-0.004111	±2.5	PASS
Band66	10MHz	16QAM	132022	50RB#0	NV	20	-8.25	-0.004810	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	NV	-30	-7.50	-0.004298	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	NV	-20	-7.47	-0.004281	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	NV	0	-8.24	-0.004722	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	NV	10	-7.57	-0.004338	±2.5	PASS
Band66	10MHz	16QAM	132322	50RB#0	NV	20	-7.34	-0.004206	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	NV	-30	-8.20	-0.004620	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	NV	-20	-7.24	-0.004079	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	NV	0	-3.69	-0.002079	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	NV	10	-6.27	-0.003532	±2.5	PASS
Band66	10MHz	16QAM	132622	50RB#0	NV	20	-6.01	-0.003386	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	NV	-30	-4.45	-0.002591	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	NV	-20	3.56	0.002073	±2.5	PASS

Band66	15MHz	QPSK	132047	75RB#0	NV	0	-3.62	-0.002108	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	NV	10	-4.43	-0.002579	±2.5	PASS
Band66	15MHz	QPSK	132047	75RB#0	NV	20	-5.26	-0.003063	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	NV	-30	-6.85	-0.003926	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	NV	-20	-4.68	-0.002682	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	NV	0	-5.89	-0.003375	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	NV	10	-8.05	-0.004613	±2.5	PASS
Band66	15MHz	QPSK	132322	75RB#0	NV	20	-6.79	-0.003891	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	NV	-30	5.42	0.003058	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	NV	-20	6.54	0.003690	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	NV	0	4.23	0.002386	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	NV	10	5.32	0.003001	±2.5	PASS
Band66	15MHz	QPSK	132597	75RB#0	NV	20	4.31	0.002432	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	NV	-30	4.56	0.002655	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	NV	-20	-3.43	-0.001997	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	NV	0	4.82	0.002806	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	NV	10	4.55	0.002649	±2.5	PASS
Band66	15MHz	16QAM	132047	75RB#0	NV	20	4.72	0.002748	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	NV	-30	-6.29	-0.003605	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	NV	-20	-6.35	-0.003639	±2.5	PASS
Band66	15MHz	16QAM	132322	75RB#0	NV	0	-5.88	-0.003370	±2.5	PASS
Band6	15MHz	16QAM	13232	75RB#0	NV	10	-7.67	-0.004395	±2.5	PASS

6			2							
Band66	15MHz	16QAM	132322	75RB#0	NV	20	-8.58	-0.004917	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	NV	-30	5.42	0.003058	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	NV	-20	5.15	0.002906	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	NV	0	4.78	0.002697	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	NV	10	-4.95	-0.002793	±2.5	PASS
Band66	15MHz	16QAM	132597	75RB#0	NV	20	4.68	0.002640	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-30	3.76	0.002186	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	-20	4.84	0.002814	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	0	8.83	0.005134	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	10	6.38	0.003709	±2.5	PASS
Band66	20MHz	QPSK	132072	100RB#0	NV	20	-4.38	-0.002547	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-30	-9.53	-0.005461	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	-20	-5.45	-0.003123	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	0	-5.51	-0.003158	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	10	-7.18	-0.004115	±2.5	PASS
Band66	20MHz	QPSK	132322	100RB#0	NV	20	-6.62	-0.003794	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-30	-5.25	-0.002966	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	-20	-3.20	-0.001808	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	0	-6.01	-0.003395	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	10	4.05	0.002288	±2.5	PASS
Band66	20MHz	QPSK	132572	100RB#0	NV	20	-4.73	-0.002672	±2.5	PASS

Band66	20MHz	16QAM	132072	100RB#0	NV	-30	3.09	0.001797	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	-20	3.45	0.002006	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	0	6.14	0.003570	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	10	4.15	0.002413	±2.5	PASS
Band66	20MHz	16QAM	132072	100RB#0	NV	20	3.95	0.002297	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-30	-4.36	-0.002499	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	-20	-8.51	-0.004877	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	0	-4.23	-0.002424	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	10	-6.55	-0.003754	±2.5	PASS
Band66	20MHz	16QAM	132322	100RB#0	NV	20	-5.84	-0.003347	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-30	-5.24	-0.002960	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	-20	2.55	0.001441	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	0	-5.22	-0.002949	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	10	-3.66	-0.002068	±2.5	PASS
Band66	20MHz	16QAM	132572	100RB#0	NV	20	-3.76	-0.002124	±2.5	PASS