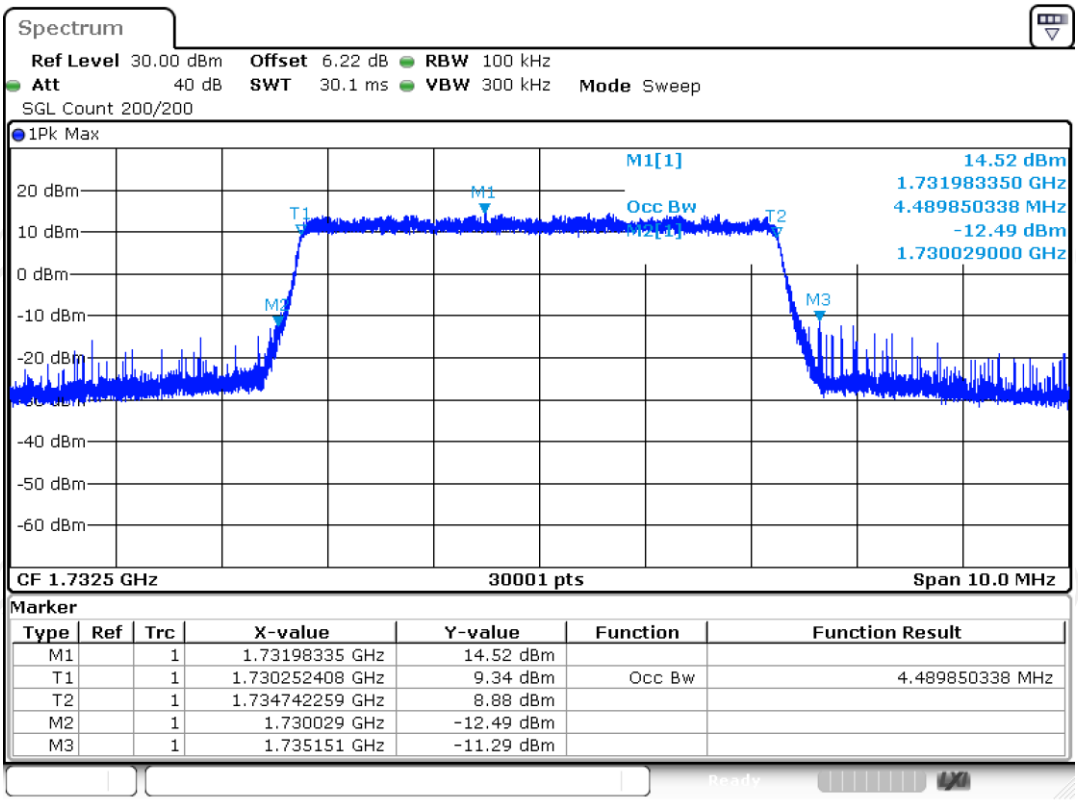
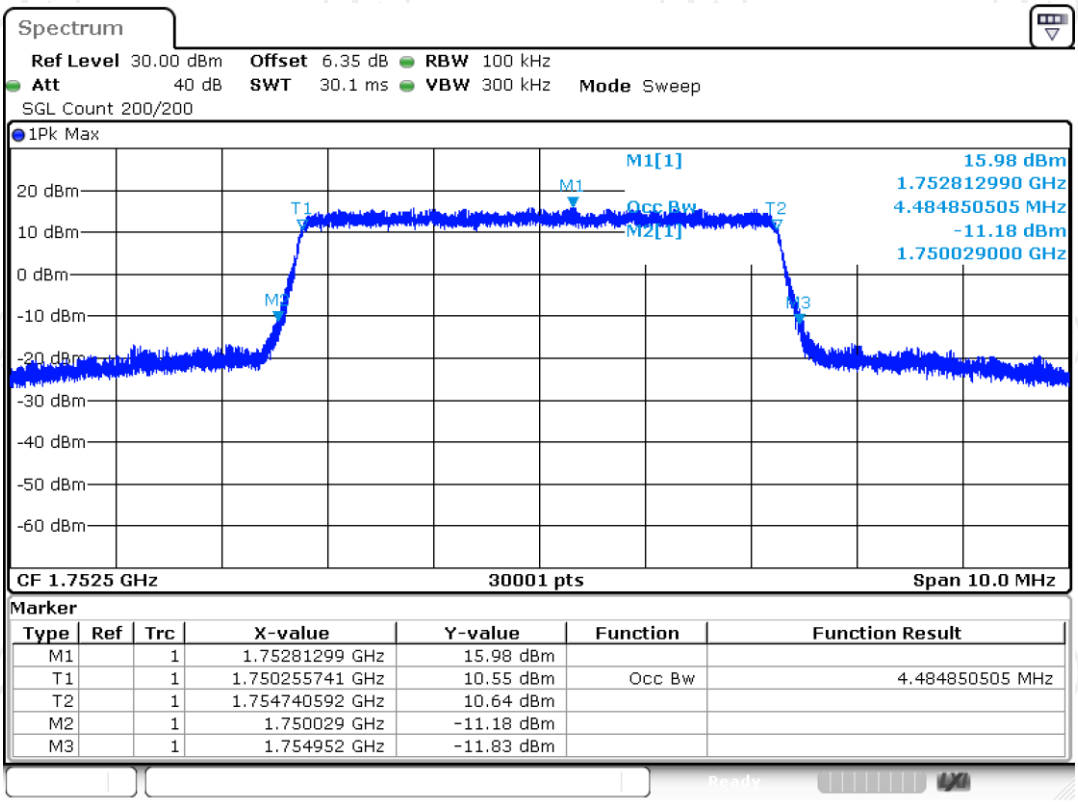


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73198335 GHz	14.52 dBm		
T1		1	1.730252408 GHz	9.34 dBm	Occ Bw	4.489850338 MHz
T2		1	1.734742259 GHz	8.88 dBm		
M2		1	1.730029 GHz	-12.49 dBm		
M3		1	1.735151 GHz	-11.29 dBm		

Date: 7.SEP.2023 13:06:30

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0

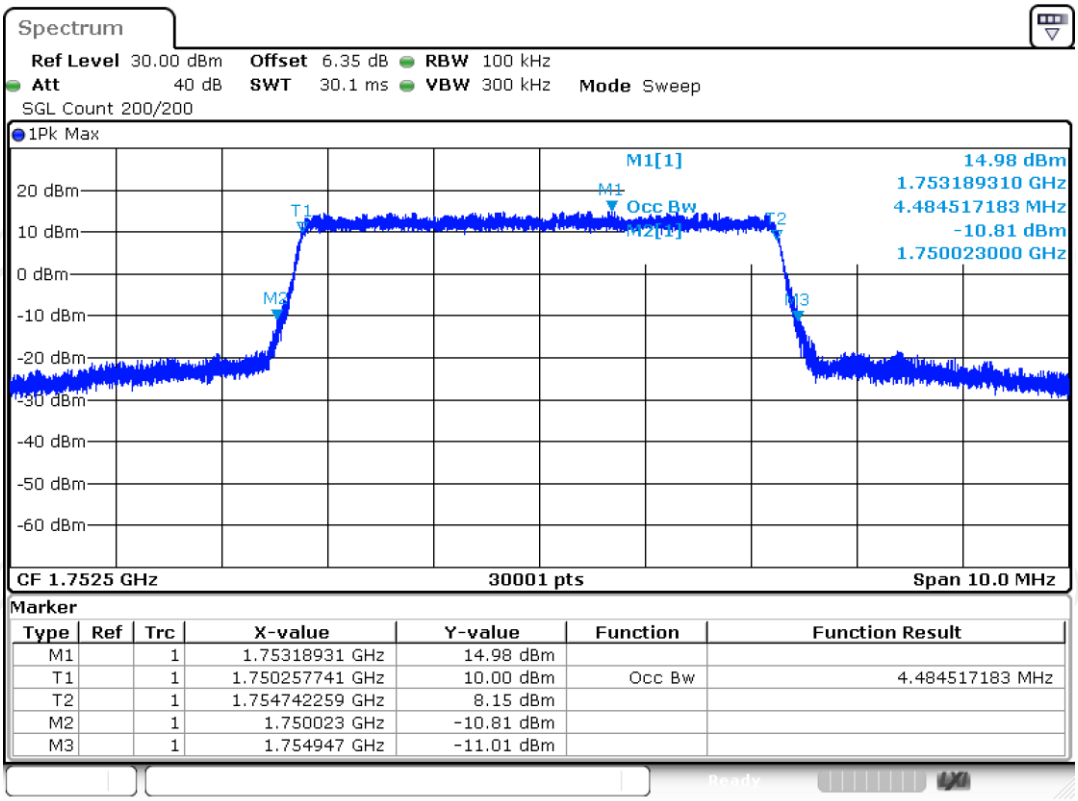


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75281299 GHz	15.98 dBm		
T1		1	1.750255741 GHz	10.55 dBm	Occ Bw	4.484850505 MHz
T2		1	1.754740592 GHz	10.64 dBm		
M2		1	1.750029 GHz	-11.18 dBm		
M3		1	1.754952 GHz	-11.83 dBm		

Date: 7.SEP.2023 13:06:48

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0

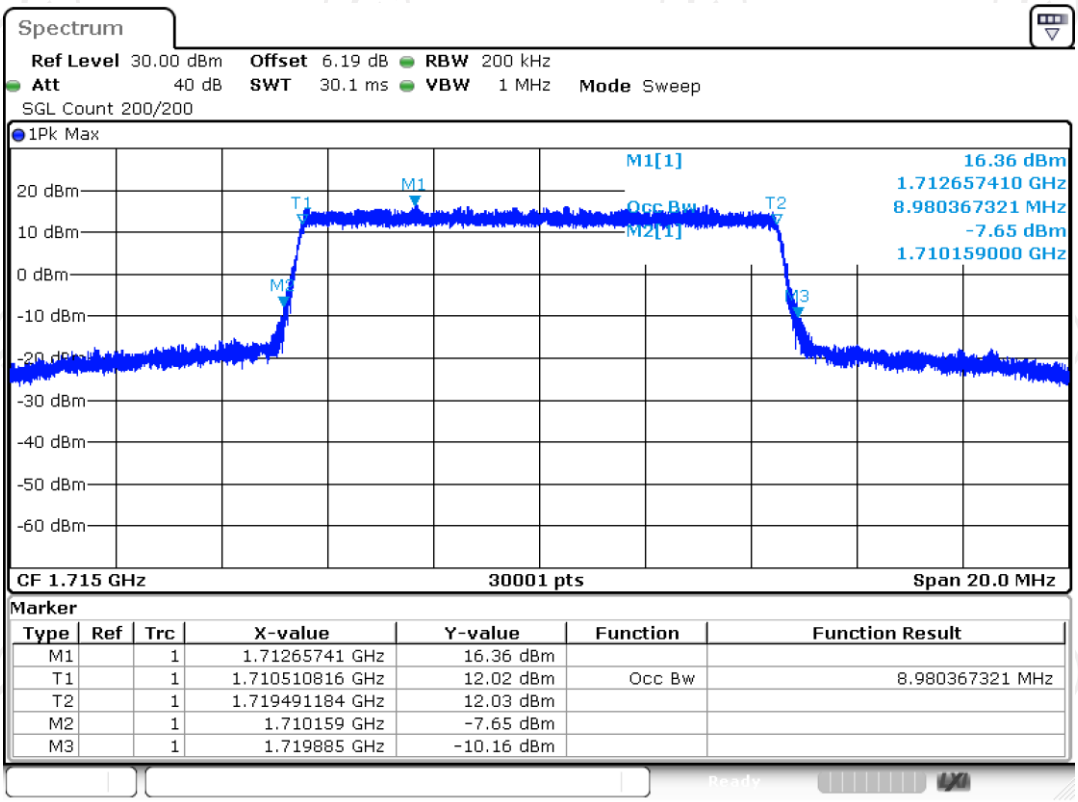


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75318931 GHz	14.98 dBm		
T1		1	1.750257741 GHz	10.00 dBm	Occ Bw	4.484517183 MHz
T2		1	1.754742259 GHz	8.15 dBm		
M2		1	1.750023 GHz	-10.81 dBm		
M3		1	1.754947 GHz	-11.01 dBm		

Date: 7.SEP.2023 13:07:05

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0

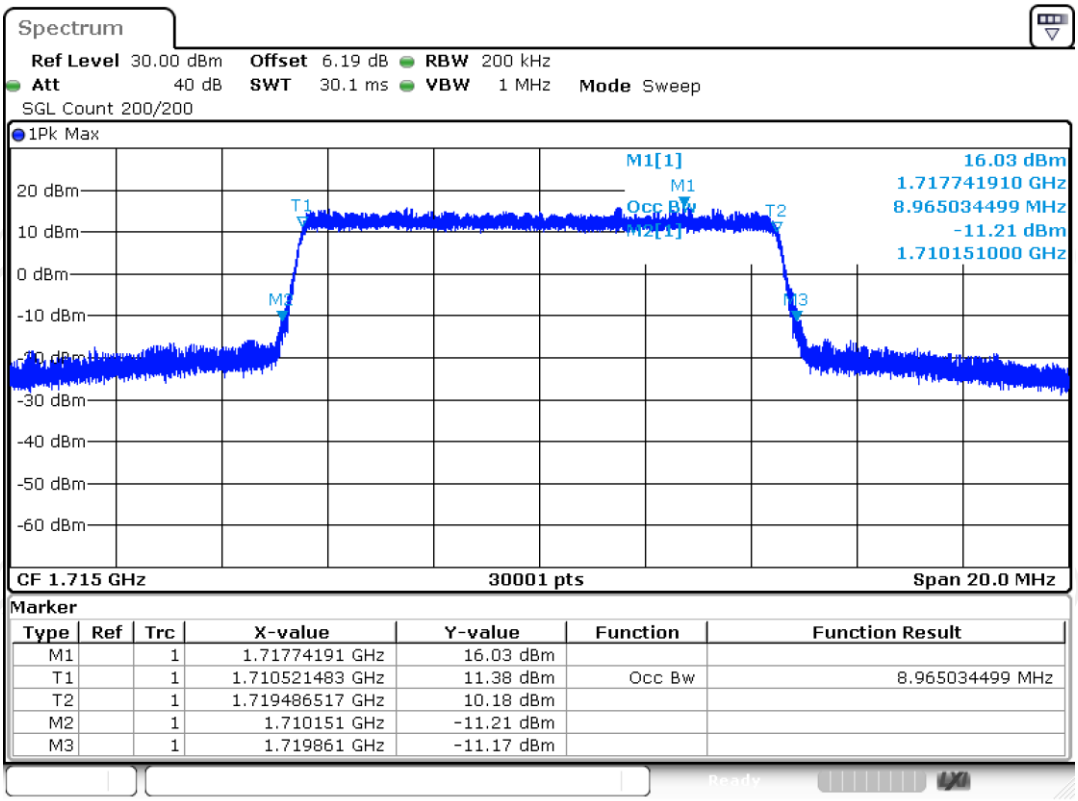


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71265741 GHz	16.36 dBm		
T1		1	1.710510816 GHz	12.02 dBm	Occ Bw	8.980367321 MHz
T2		1	1.719491184 GHz	12.03 dBm		
M2		1	1.710159 GHz	-7.65 dBm		
M3		1	1.719885 GHz	-10.16 dBm		

Date: 7.SEP.2023 13:07:24

Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0

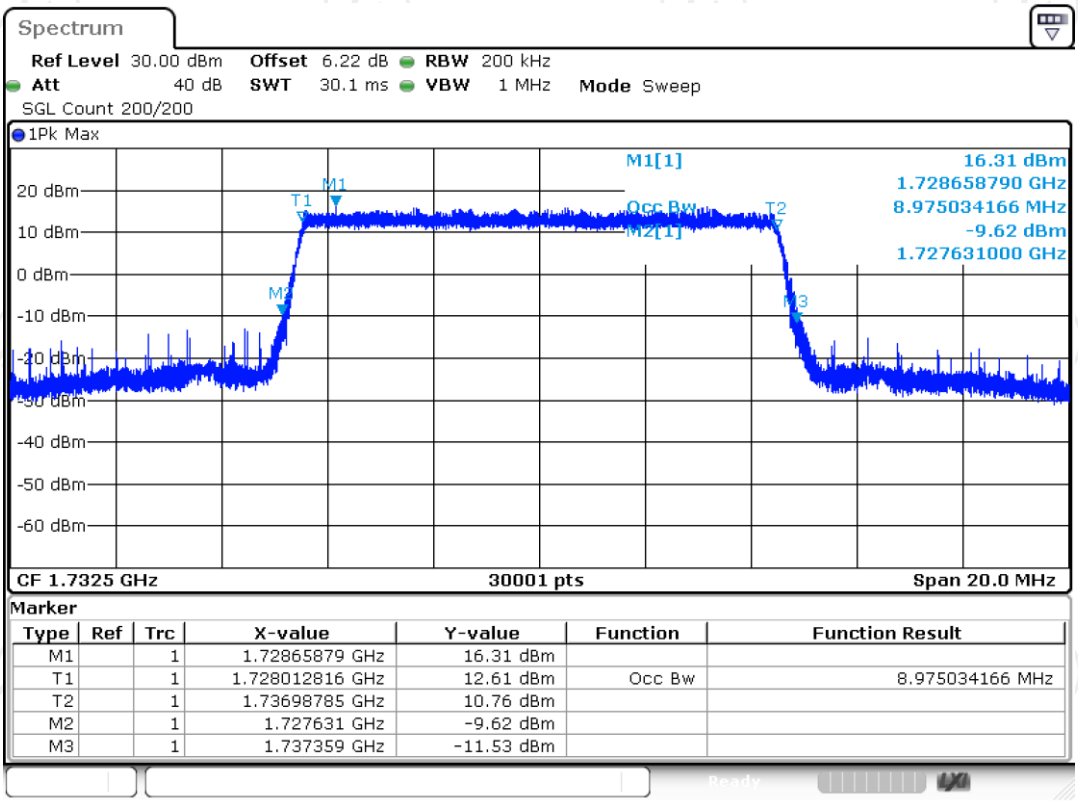


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71774191 GHz	16.03 dBm		
T1		1	1.710521483 GHz	11.38 dBm	Occ Bw	8.965034499 MHz
T2		1	1.719486517 GHz	10.18 dBm		
M2		1	1.710151 GHz	-11.21 dBm		
M3		1	1.719861 GHz	-11.17 dBm		

Date: 7.SEP.2023 13:07:41

Band4 QPSK BW=10MHz Channel=20175 RB Size=50 Position=#0

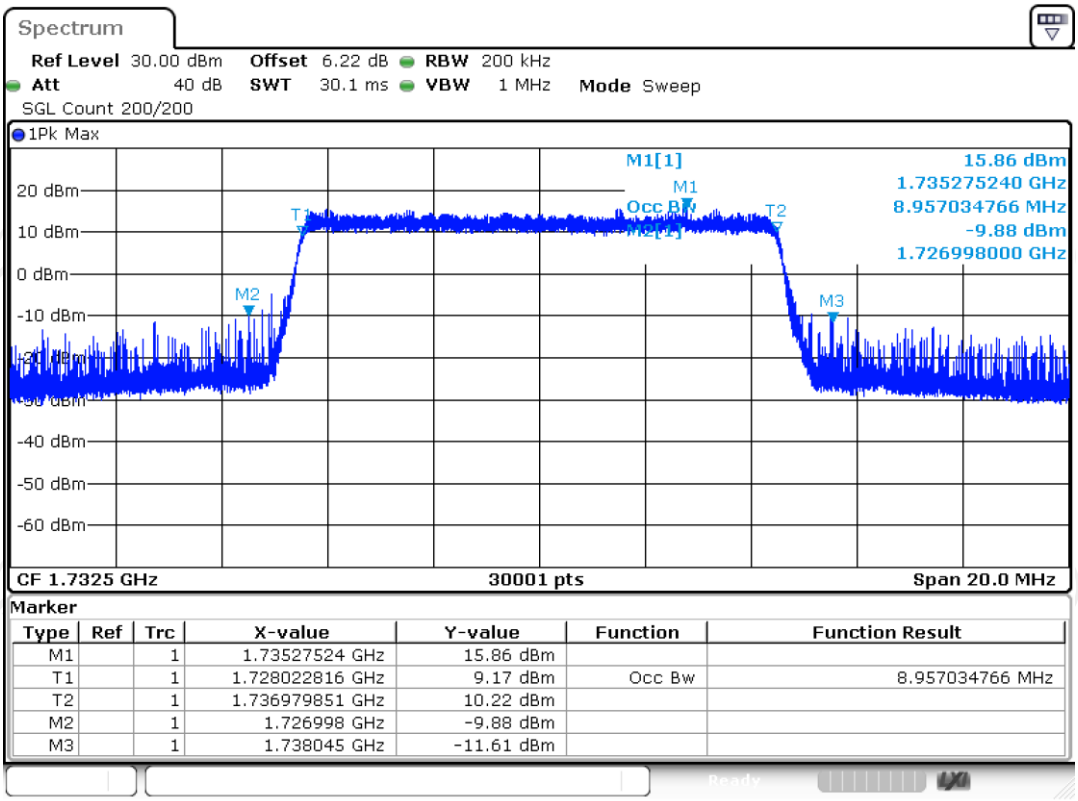


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72865879 GHz	16.31 dBm		
T1		1	1.728012816 GHz	12.61 dBm	Occ Bw	8.975034166 MHz
T2		1	1.73698785 GHz	10.76 dBm		
M2		1	1.727631 GHz	-9.62 dBm		
M3		1	1.737359 GHz	-11.53 dBm		

Date: 7.SEP.2023 13:08:01

Band4 16QAM BW=10MHz Channel=20175 RB Size=50 Position=#0

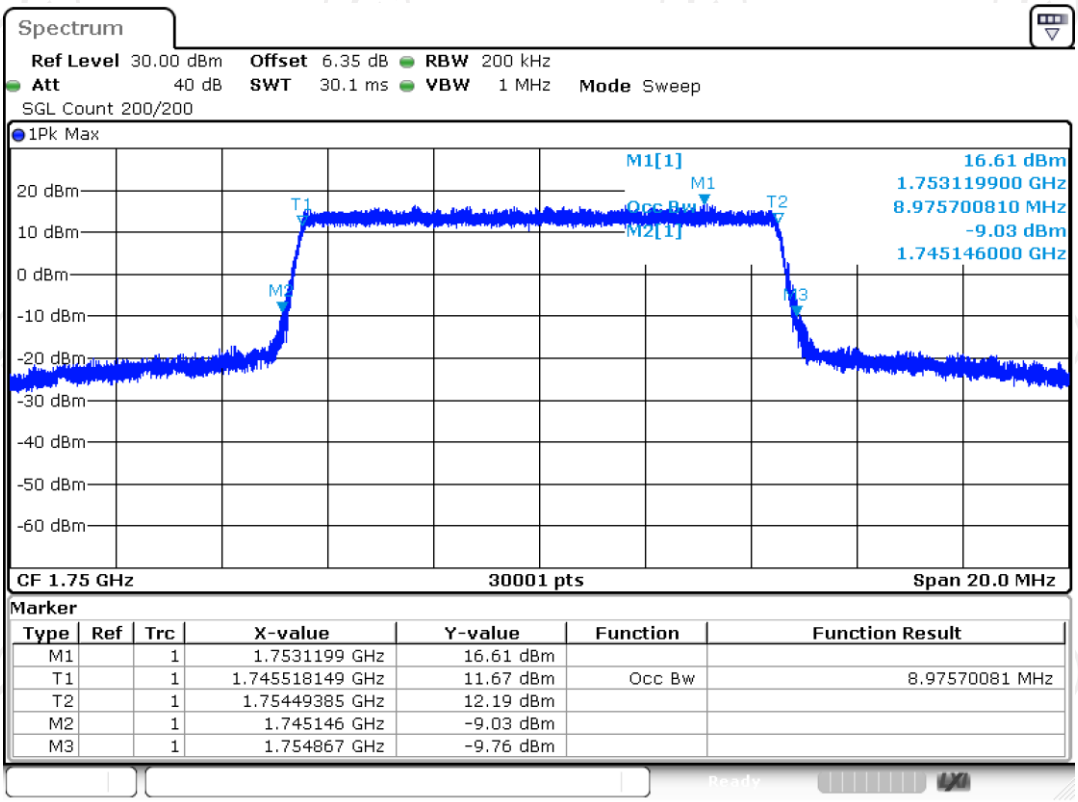


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73527524 GHz	15.86 dBm		
T1		1	1.728022816 GHz	9.17 dBm	Occ Bw	8.957034766 MHz
T2		1	1.736979851 GHz	10.22 dBm		
M2		1	1.726998 GHz	-9.88 dBm		
M3		1	1.738045 GHz	-11.61 dBm		

Date: 7.SEP.2023 13:08:22

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0

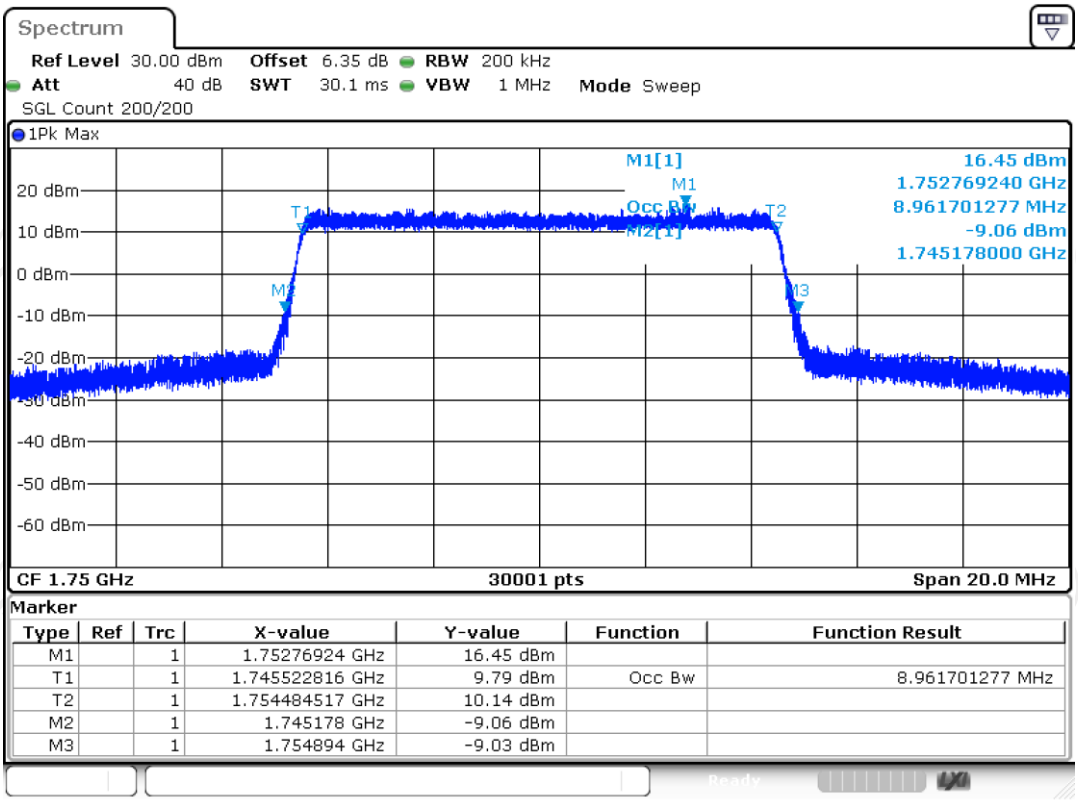


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7531199 GHz	16.61 dBm		
T1		1	1.745518149 GHz	11.67 dBm	Occ Bw	8.97570081 MHz
T2		1	1.75449385 GHz	12.19 dBm		
M2		1	1.745146 GHz	-9.03 dBm		
M3		1	1.754867 GHz	-9.76 dBm		

Date: 7.SEP.2023 13:08:40

Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0

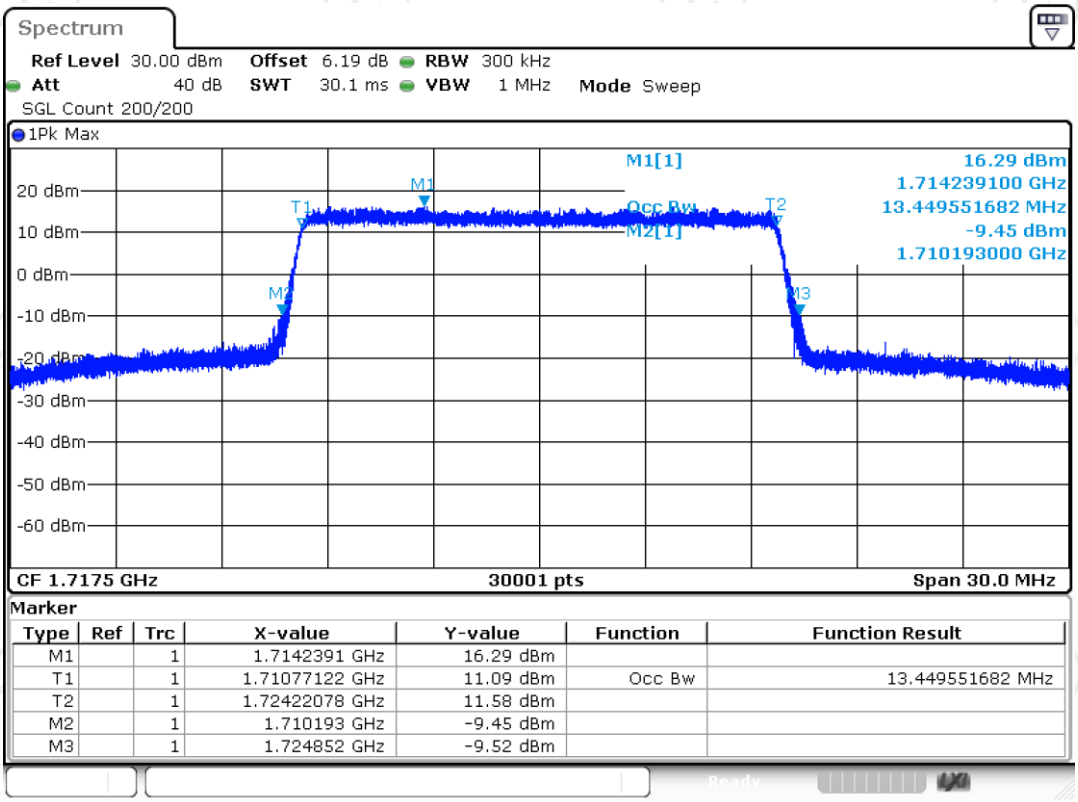


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75276924 GHz	16.45 dBm		
T1		1	1.745522816 GHz	9.79 dBm	Occ Bw	8.961701277 MHz
T2		1	1.754484517 GHz	10.14 dBm		
M2		1	1.745178 GHz	-9.06 dBm		
M3		1	1.754894 GHz	-9.03 dBm		

Date: 7.SEP.2023 13:08:58

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0

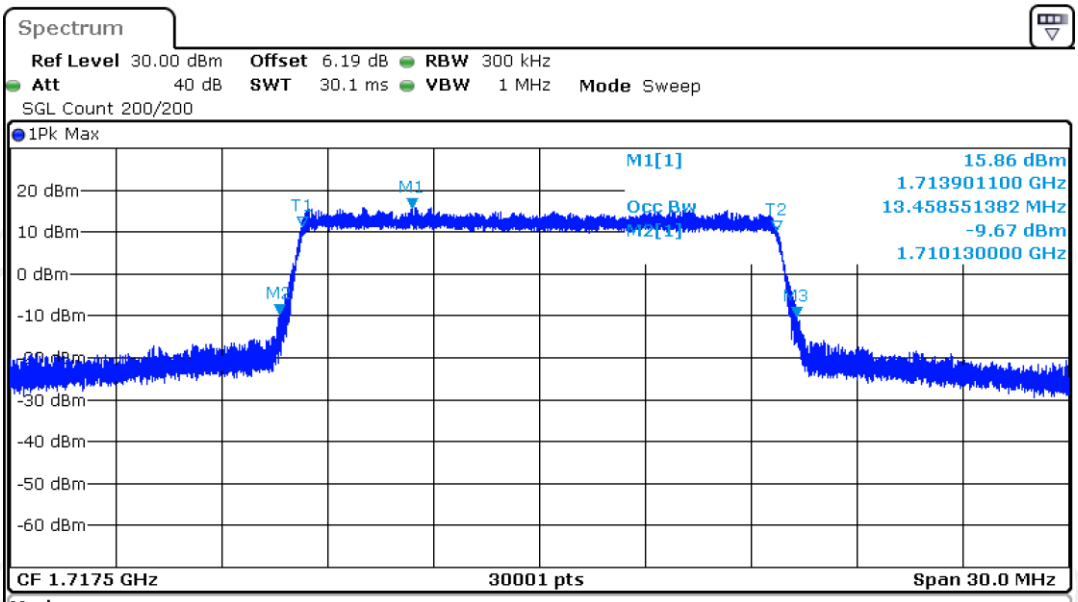


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7142391 GHz	16.29 dBm		
T1		1	1.71077122 GHz	11.09 dBm	Occ Bw	13.449551682 MHz
T2		1	1.72422078 GHz	11.58 dBm		
M2		1	1.710193 GHz	-9.45 dBm		
M3		1	1.724852 GHz	-9.52 dBm		

Date: 7.SEP.2023 13:09:16

Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0

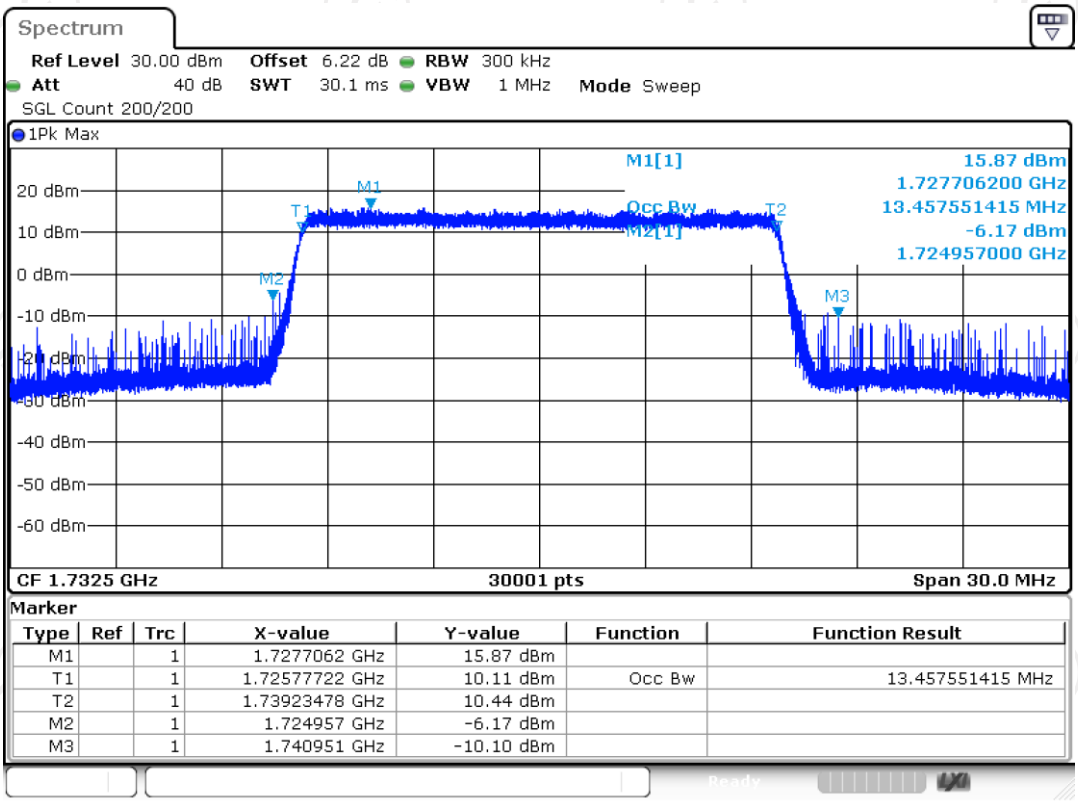


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7139011 GHz	15.86 dBm		
T1		1	1.71076022 GHz	11.26 dBm	Occ Bw	13.458551382 MHz
T2		1	1.72421878 GHz	10.45 dBm		
M2		1	1.71013 GHz	-9.67 dBm		
M3		1	1.724808 GHz	-10.12 dBm		

Date: 7.SEP.2023 13:09:33

Band4 QPSK BW=15MHz Channel=20175 RB Size=75 Position=#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7277062 GHz	15.87 dBm		
T1		1	1.72577722 GHz	10.11 dBm	Occ Bw	13.457551415 MHz
T2		1	1.73923478 GHz	10.44 dBm		
M2		1	1.724957 GHz	-6.17 dBm		
M3		1	1.740951 GHz	-10.10 dBm		

Date: 7.SEP.2023 13:09:50

Band4 16QAM BW=15MHz Channel=20175 RB Size=75 Position=#0

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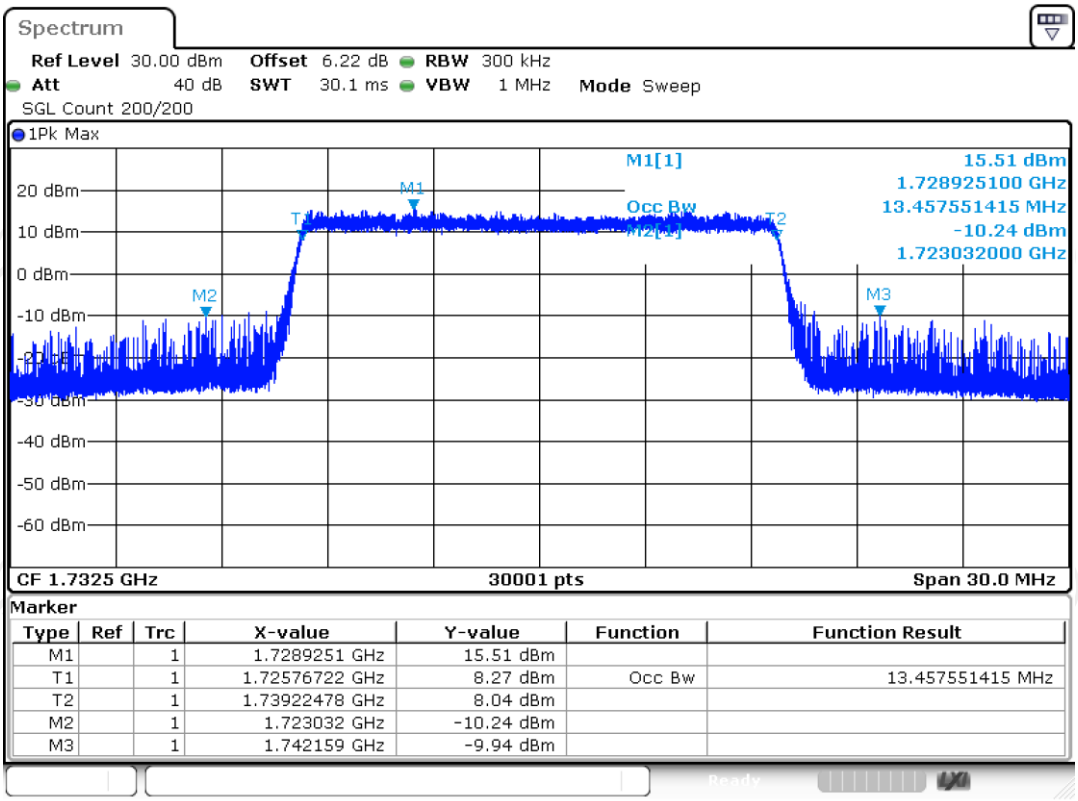
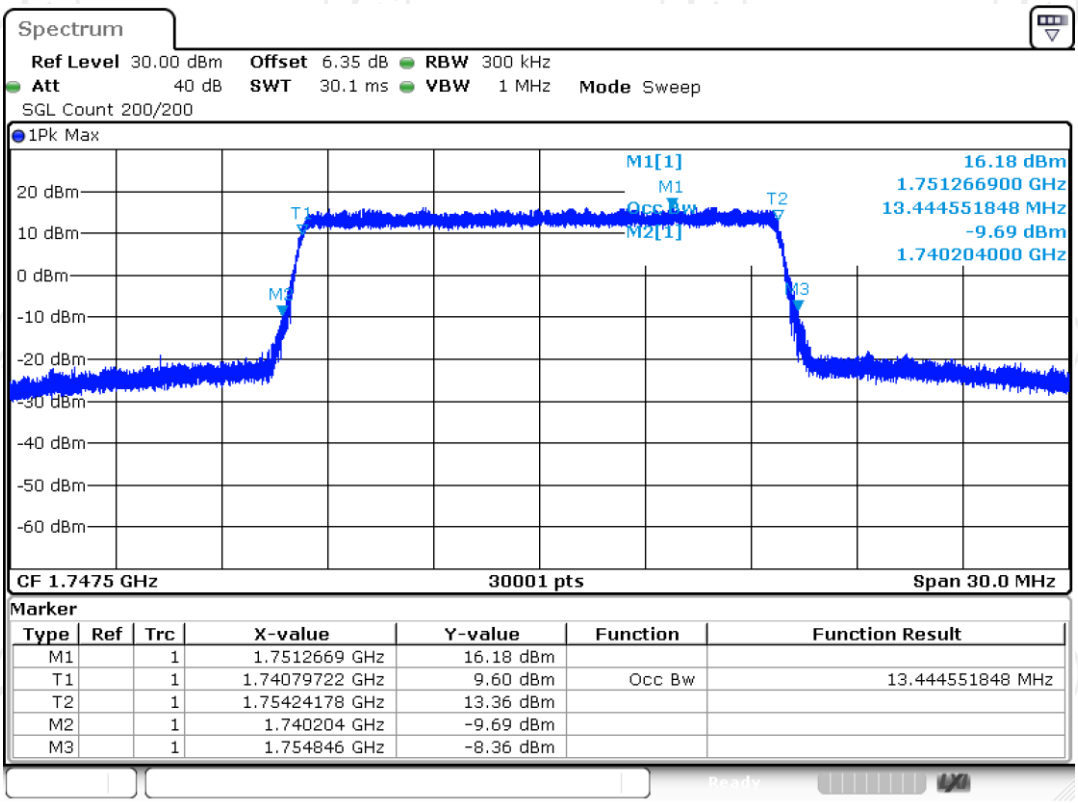


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7289251 GHz	15.51 dBm		
T1		1	1.72576722 GHz	8.27 dBm	Occ Bw	13.457551415 MHz
T2		1	1.73922478 GHz	8.04 dBm		
M2		1	1.723032 GHz	-10.24 dBm		
M3		1	1.742159 GHz	-9.94 dBm		

Date: 7.SEP.2023 13:10:06

Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0

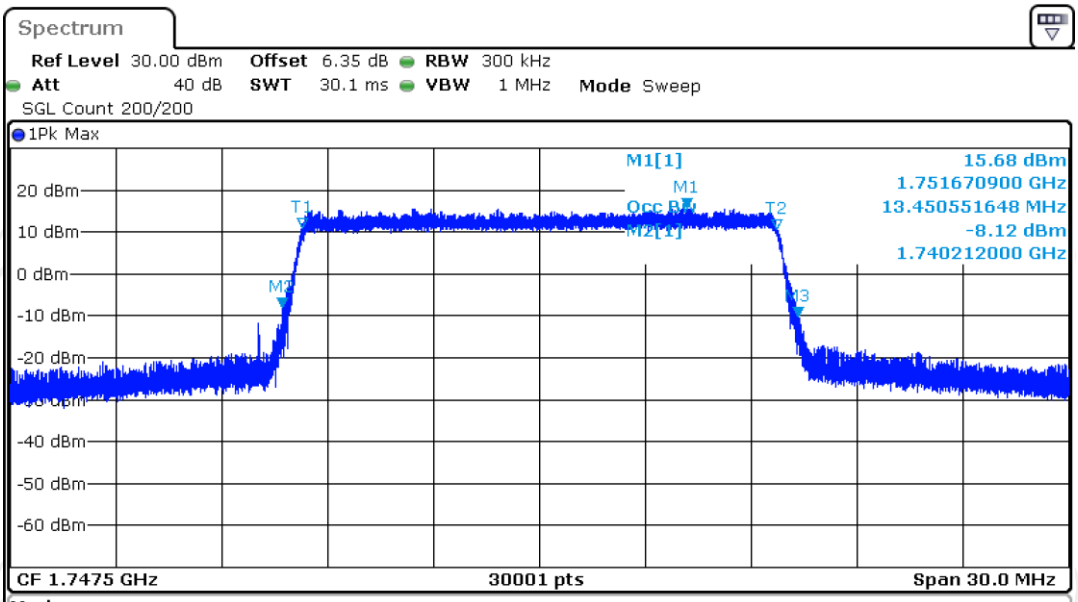


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7512669 GHz	16.18 dBm		
T1		1	1.74079722 GHz	9.60 dBm	Occ Bw	13.444551848 MHz
T2		1	1.75424178 GHz	13.36 dBm		
M2		1	1.740204 GHz	-9.69 dBm		
M3		1	1.754846 GHz	-8.36 dBm		

Date: 7.SEP.2023 13:10:23

Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



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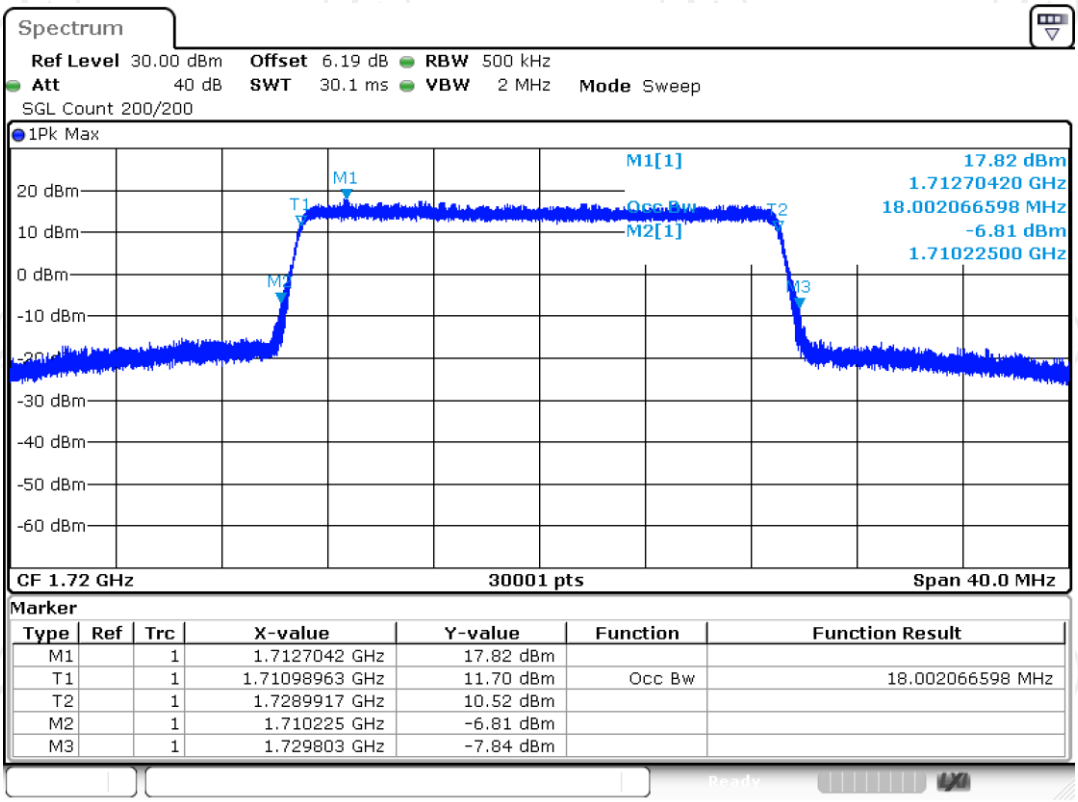
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7516709 GHz	15.68 dBm		
T1		1	1.74078322 GHz	10.94 dBm	Occ Bw	13.450551648 MHz
T2		1	1.75423378 GHz	10.61 dBm		
M2		1	1.740212 GHz	-8.12 dBm		
M3		1	1.754844 GHz	-10.18 dBm		

Date: 7.SEP.2023 13:10:40

Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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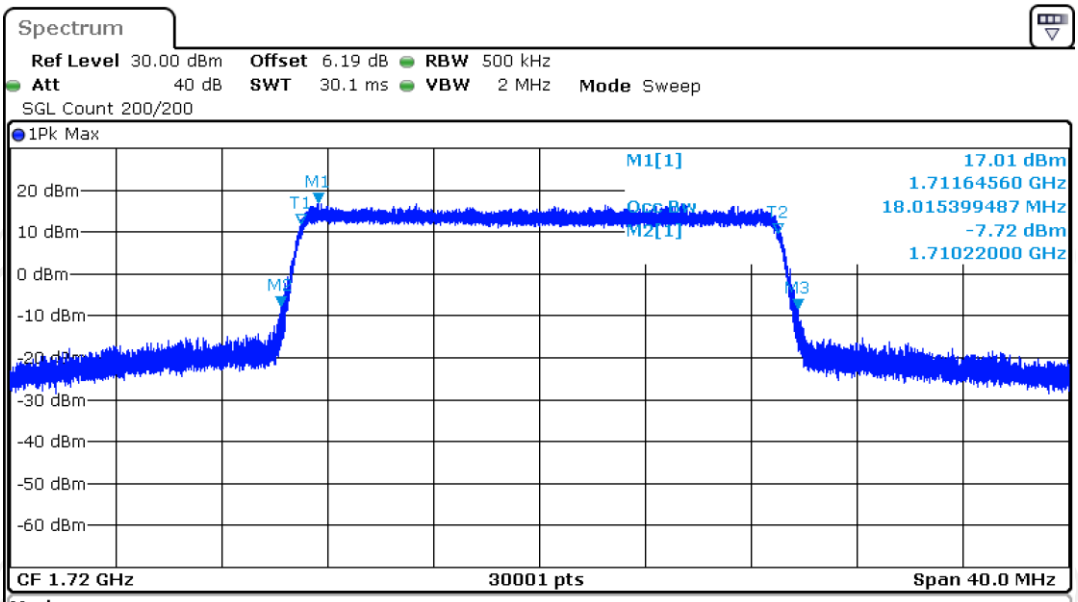
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7127042 GHz	17.82 dBm		
T1		1	1.71098963 GHz	11.70 dBm	Occ Bw	18.002066598 MHz
T2		1	1.7289917 GHz	10.52 dBm		
M2		1	1.710225 GHz	-6.81 dBm		
M3		1	1.729803 GHz	-7.84 dBm		

Date: 7.SEP.2023 13:10:58

Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



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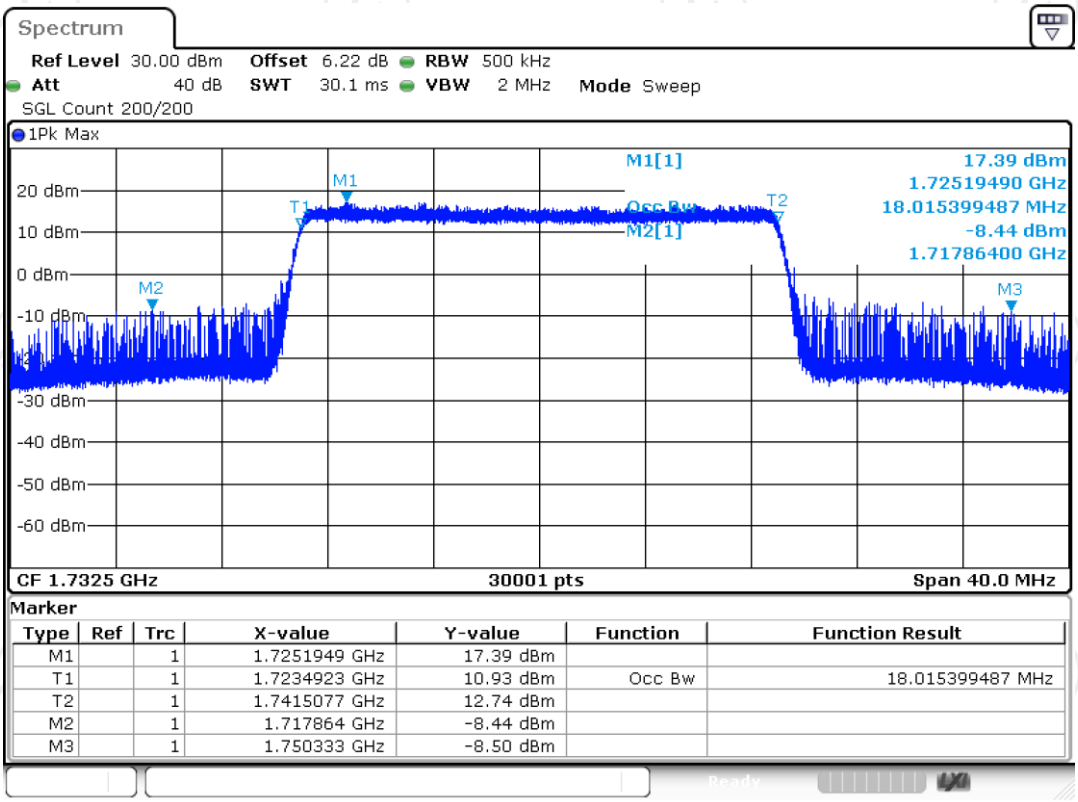
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7116456 GHz	17.01 dBm		
T1		1	1.71097897 GHz	11.85 dBm	Occ Bw	18.015399487 MHz
T2		1	1.72899437 GHz	9.66 dBm		
M2		1	1.71022 GHz	-7.72 dBm		
M3		1	1.729761 GHz	-8.35 dBm		

Date: 7.SEP.2023 13:11:15

Band4 QPSK BW=20MHz Channel=20175 RB Size=100 Position=#0



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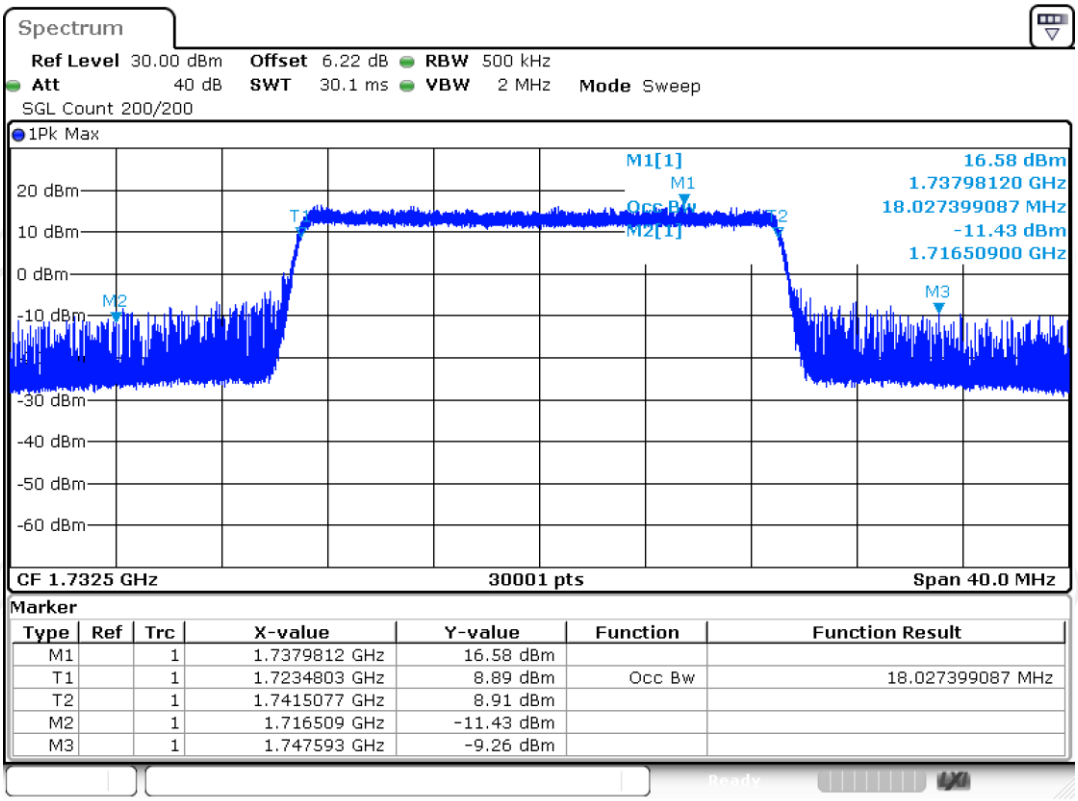
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7251949 GHz	17.39 dBm		
T1		1	1.7234923 GHz	10.93 dBm	Occ Bw	18.015399487 MHz
T2		1	1.7415077 GHz	12.74 dBm		
M2		1	1.717864 GHz	-8.44 dBm		
M3		1	1.750333 GHz	-8.50 dBm		

Date: 7.SEP.2023 13:11:32

Band4 16QAM BW=20MHz Channel=20175 RB Size=100 Position=#0



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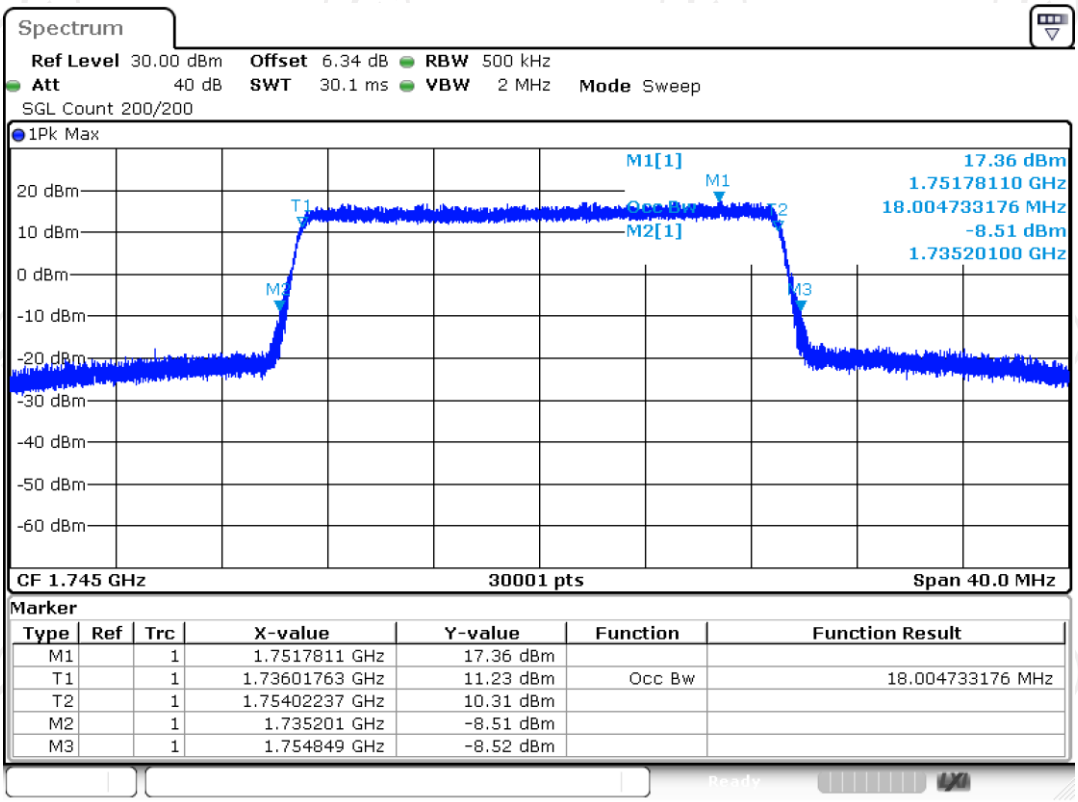
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7379812 GHz	16.58 dBm		
T1		1	1.7234803 GHz	8.89 dBm	Occ Bw	18.027399087 MHz
T2		1	1.7415077 GHz	8.91 dBm		
M2		1	1.716509 GHz	-11.43 dBm		
M3		1	1.747593 GHz	-9.26 dBm		

Date: 7.SEP.2023 13:11:49

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0

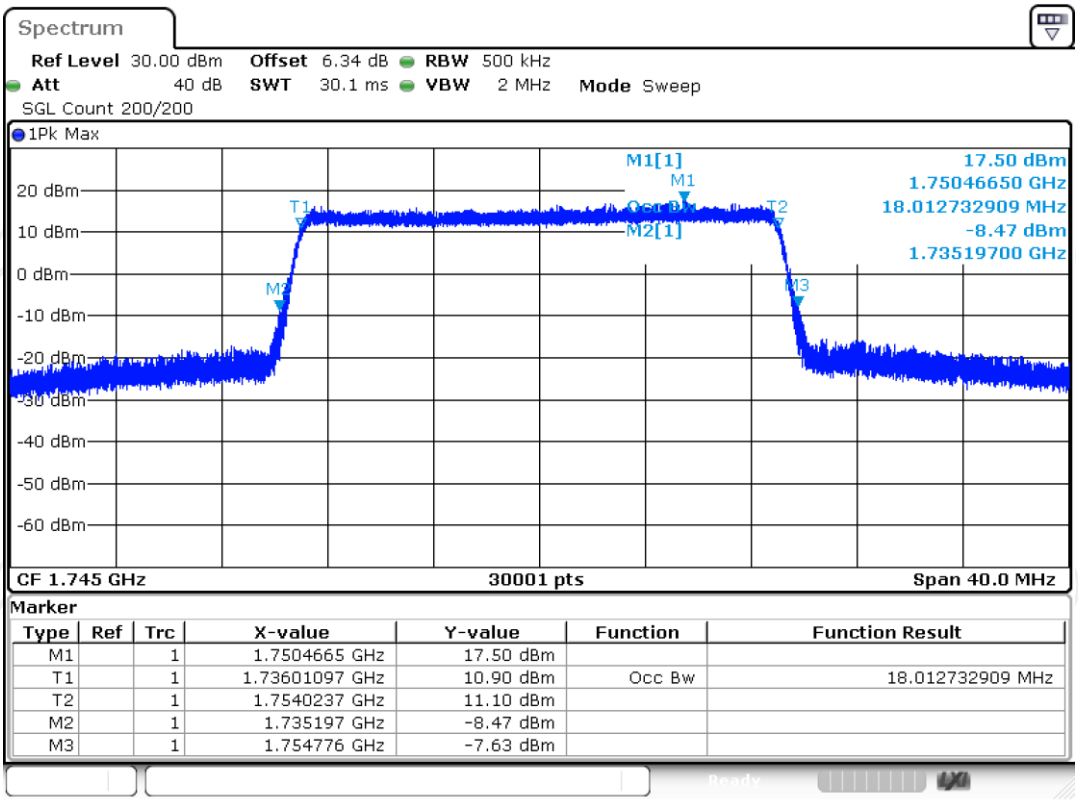


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7517811 GHz	17.36 dBm		
T1		1	1.73601763 GHz	11.23 dBm	Occ Bw	18.004733176 MHz
T2		1	1.75402237 GHz	10.31 dBm		
M2		1	1.735201 GHz	-8.51 dBm		
M3		1	1.754849 GHz	-8.52 dBm		

Date: 7.SEP.2023 13:12:06

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



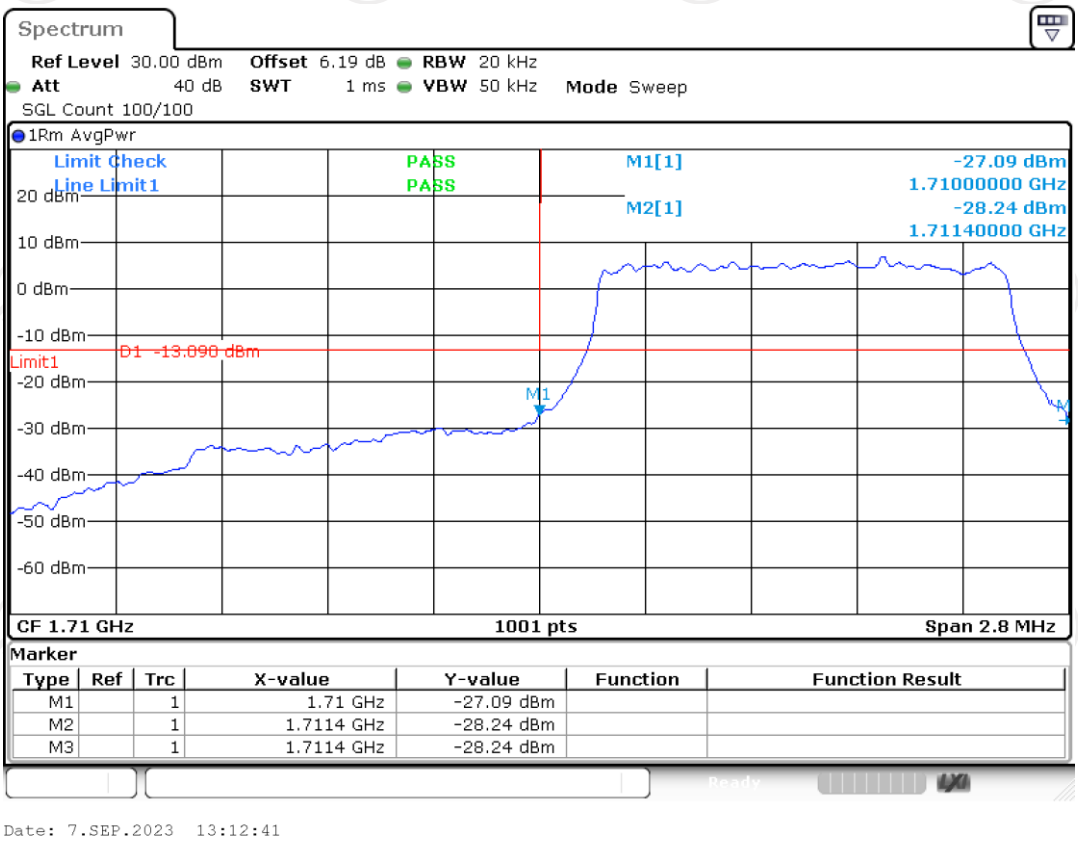
Date: 7.SEP.2023 13:12:23

5 Band edge

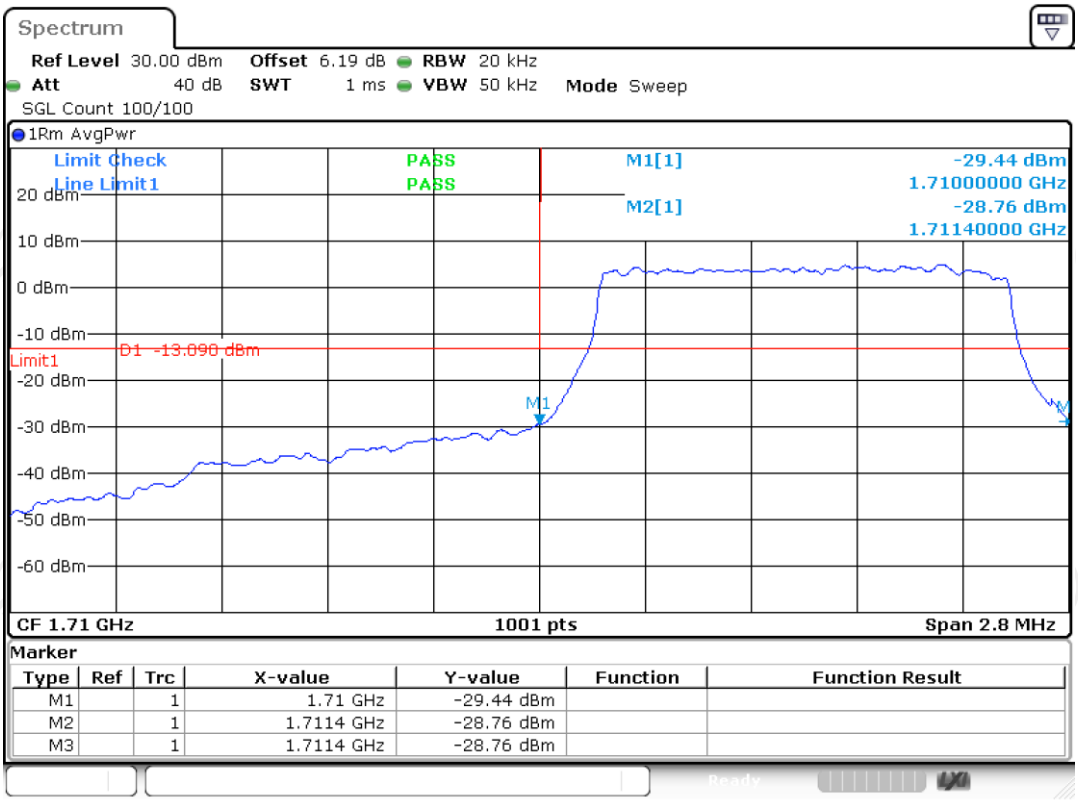
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	6	#0	QPSK	1710.00	-27.08	-13	PASS
Band4	1.4	19957	6	#0	16QAM	1710.00	-29.43	-13	PASS
Band4	1.4	20393	6	#0	QPSK	1755.05	-28.16	-13	PASS
Band4	1.4	20393	6	#0	16QAM	1755.00	-29.11	-13	PASS
Band4	3	19965	15	#0	QPSK	1710.00	-29.57	-13	PASS
Band4	3	19965	15	#0	16QAM	1710.00	-31.99	-13	PASS
Band4	3	20385	15	#0	QPSK	1755.02	-30.37	-13	PASS
Band4	3	20385	15	#0	16QAM	1755.00	-31.43	-13	PASS
Band4	5	19975	25	#0	QPSK	1709.88	-31.85	-13	PASS
Band4	5	19975	25	#0	16QAM	1710.00	-31.76	-13	PASS
Band4	5	20375	25	#0	QPSK	1755.01	-30.56	-13	PASS
Band4	5	20375	25	#0	16QAM	1755.00	-33.14	-13	PASS
Band4	10	20000	50	#0	QPSK	1709.54	-30.66	-13	PASS
Band4	10	20000	50	#0	16QAM	1710.00	-33.15	-13	PASS
Band4	10	20350	50	#0	QPSK	1755.54	-32.28	-13	PASS
Band4	10	20350	50	#0	16QAM	1755.04	-33.21	-13	PASS
Band4	15	20025	75	#0	QPSK	1708.29	-30.93	-13	PASS
Band4	15	20025	75	#0	16QAM	1708.32	-33.34	-13	PASS
Band4	15	20325	75	#0	QPSK	1755.03	-32.98	-13	PASS

Band4	15	20325	75	#0	16QAM	1755.15	-34.83	-13	PASS
Band4	20	20050	100	#0	QPSK	1709.68	-32.25	-13	PASS
Band4	20	20050	100	#0	16QAM	1709.16	-34.05	-13	PASS
Band4	20	20300	100	#0	QPSK	1755.56	-33.80	-13	PASS
Band4	20	20300	100	#0	16QAM	1755.12	-34.33	-13	PASS

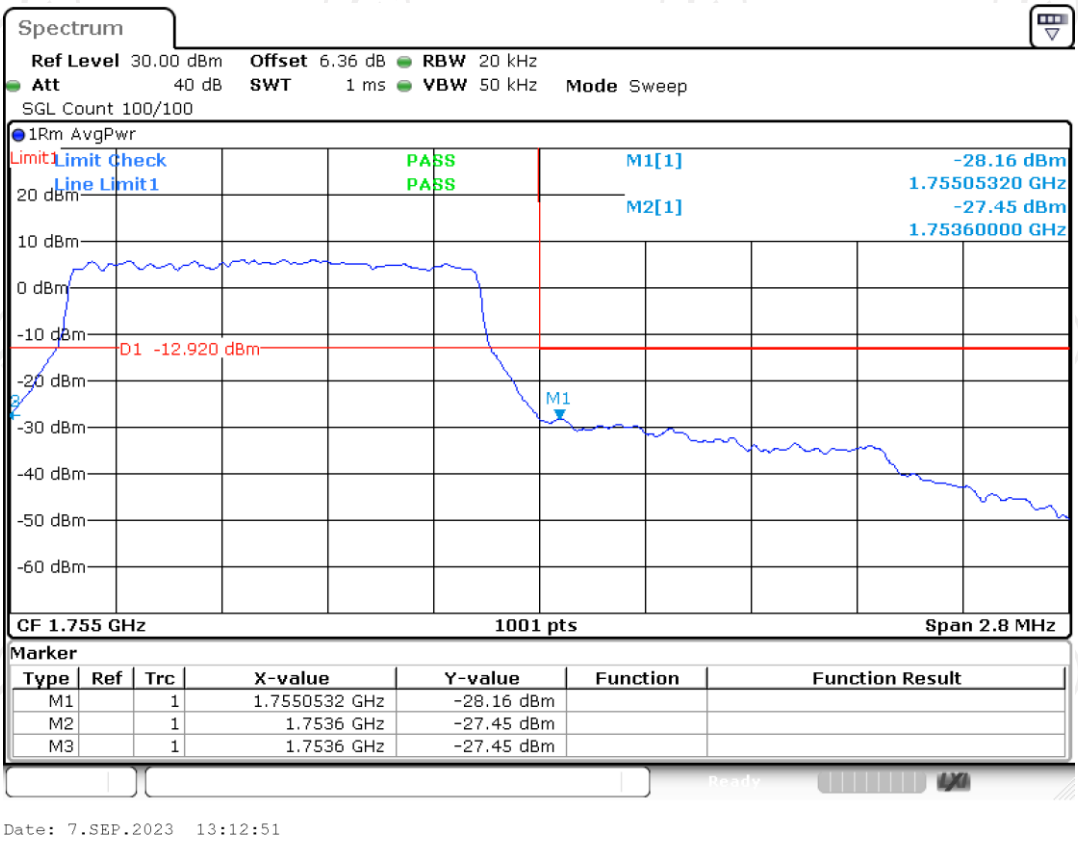
Band4 QPSK BW=1.4MHz Channel=19957 RB Size=6 Position=#0



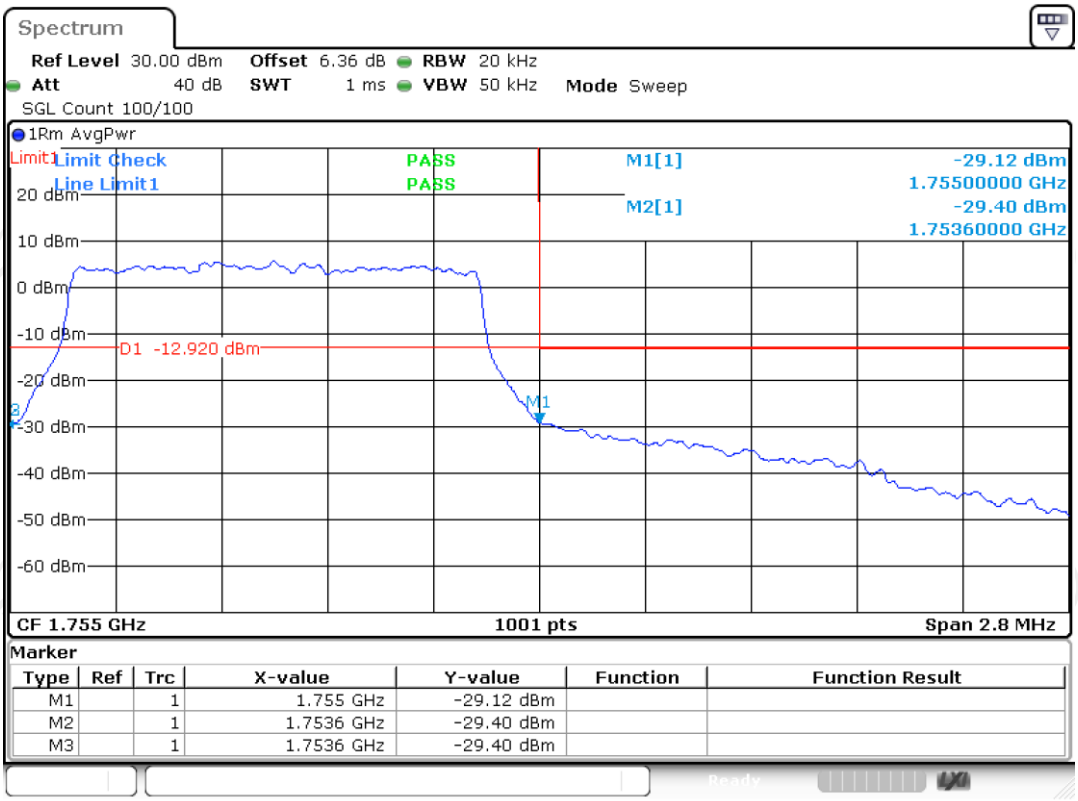
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=6 Position=#0



Band4 QPSK BW=1.4MHz Channel=20393 RB Size=6 Position=#0

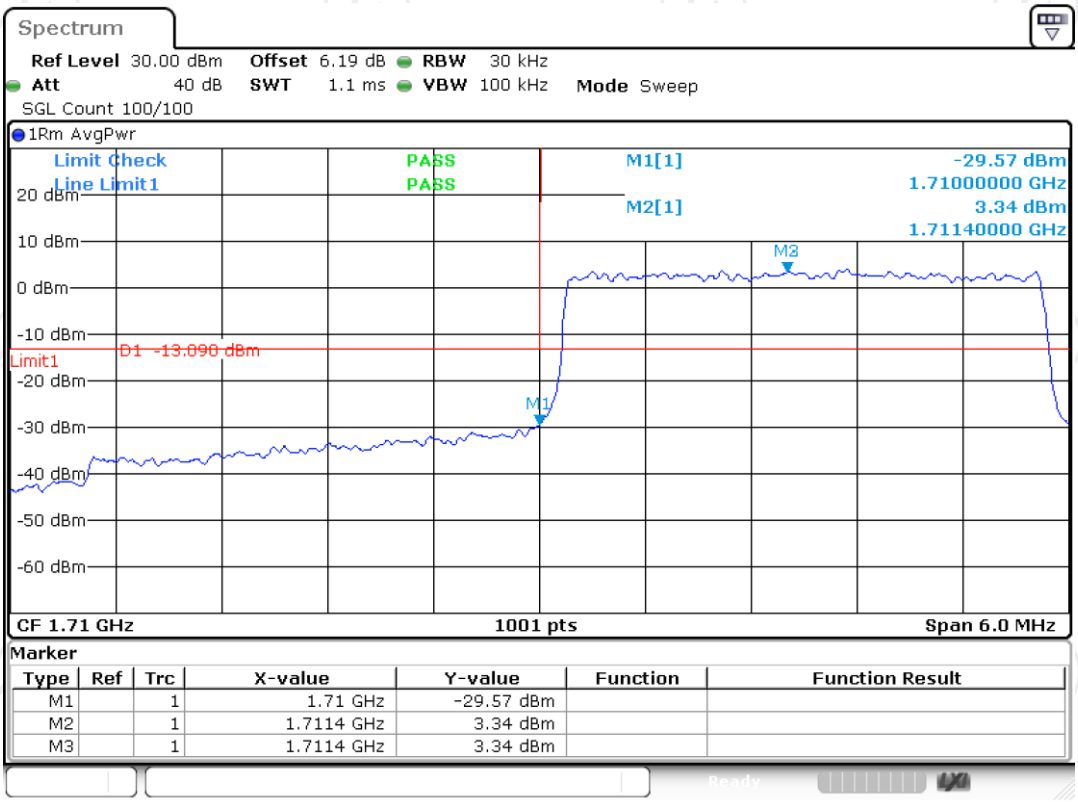


Band4 16QAM BW=1.4MHz Channel=20393 RB Size=6 Position=#0



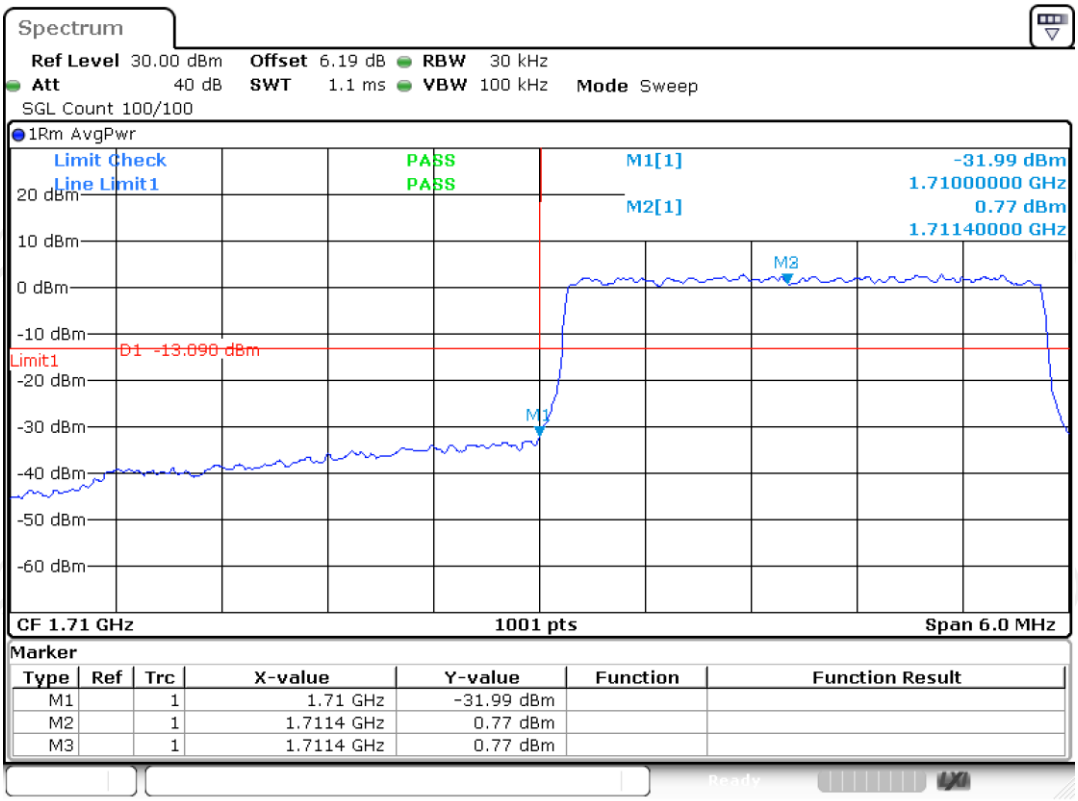
Date: 7.SEP.2023 13:12:56

Band4 QPSK BW=3MHz Channel=19965 RB Size=15 Position=#0



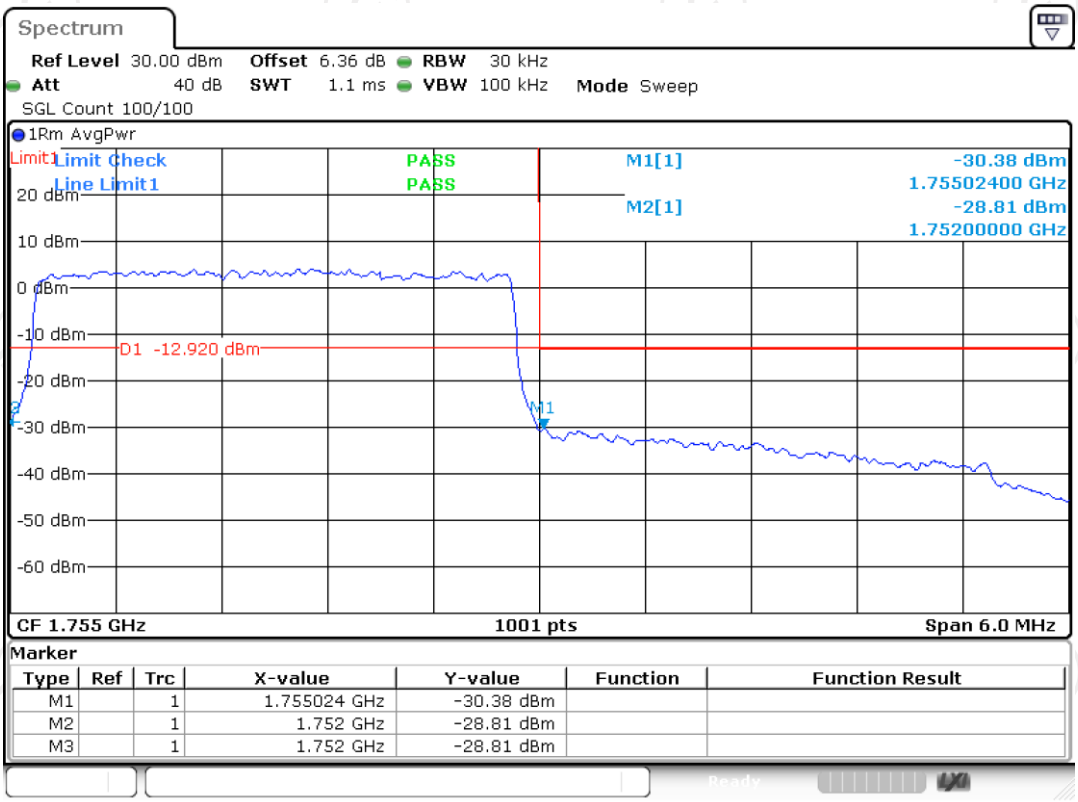
Date: 7.SEP.2023 13:13:01

Band4 16QAM BW=3MHz Channel=19965 RB Size=15 Position=#0



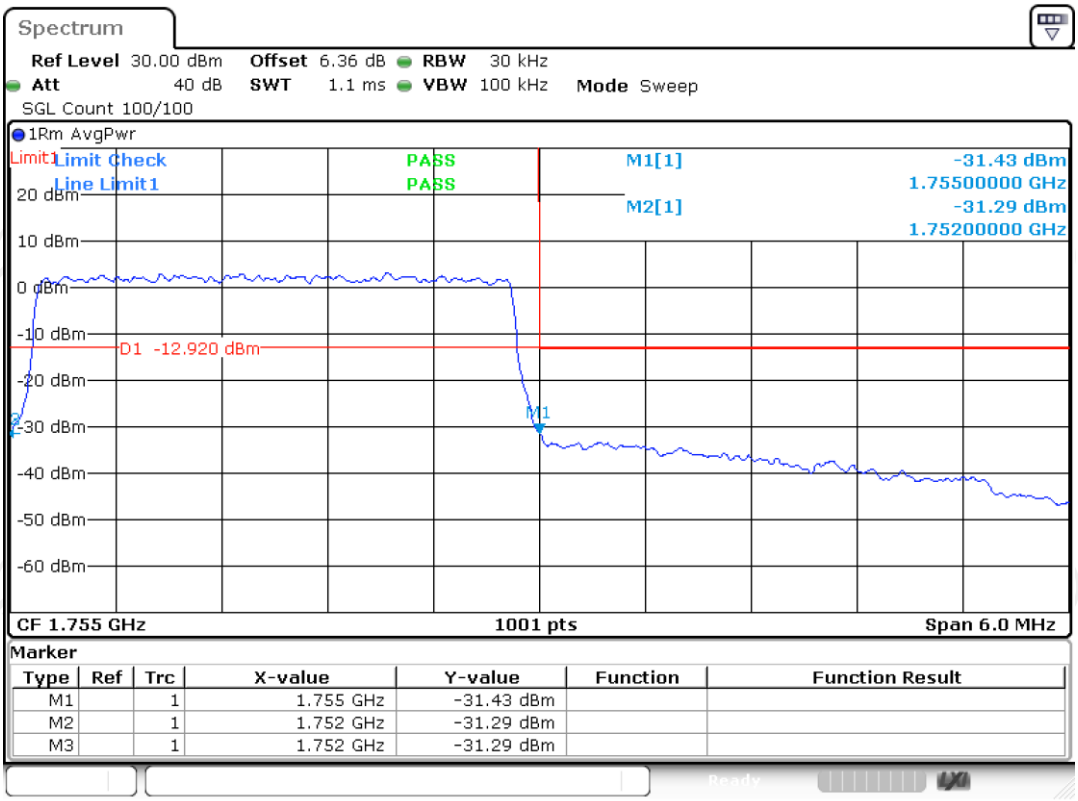
Date: 7.SEP.2023 13:13:06

Band4 QPSK BW=3MHz Channel=20385 RB Size=15 Position=#0



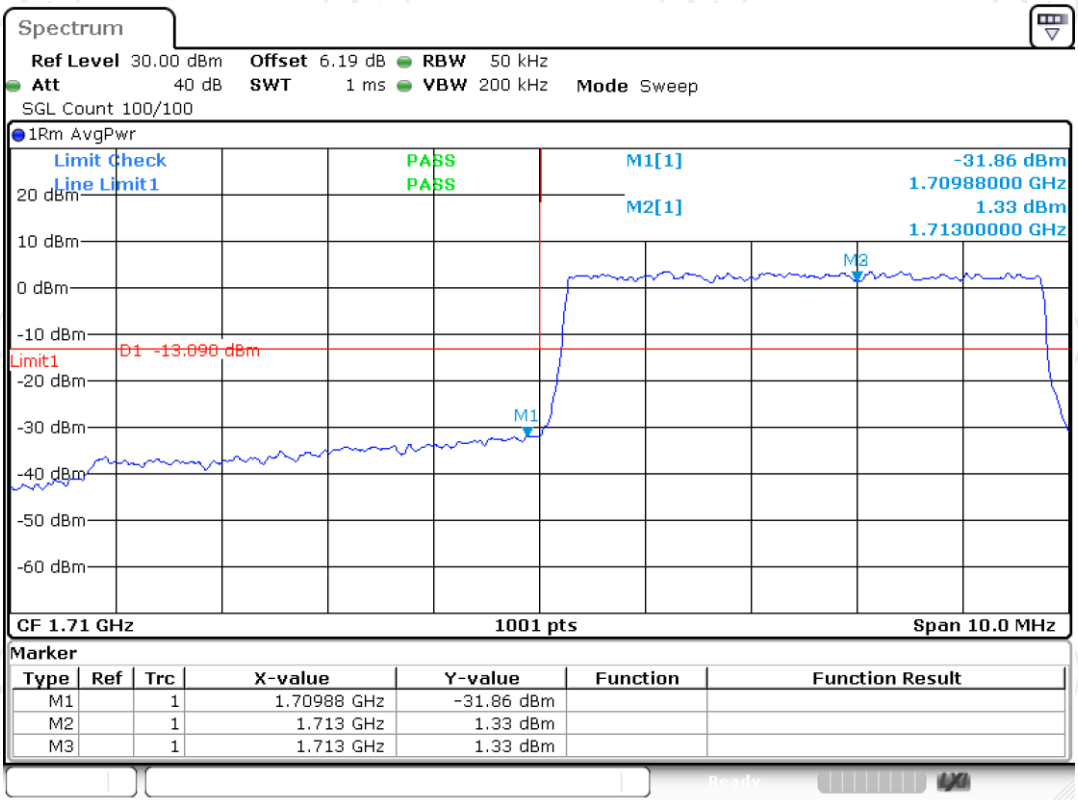
Date: 7.SEP.2023 13:13:11

Band4 16QAM BW=3MHz Channel=20385 RB Size=15 Position=#0



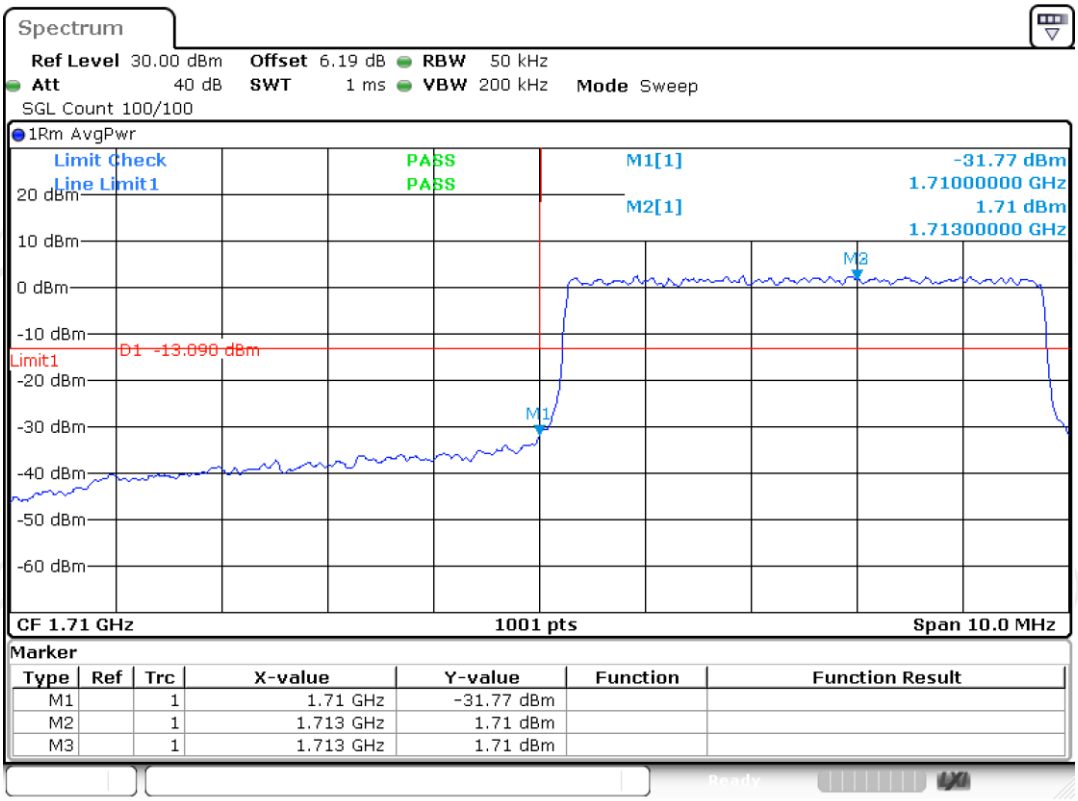
Date: 7.SEP.2023 13:13:16

Band4 QPSK BW=5MHz Channel=19975 RB Size=25 Position=#0



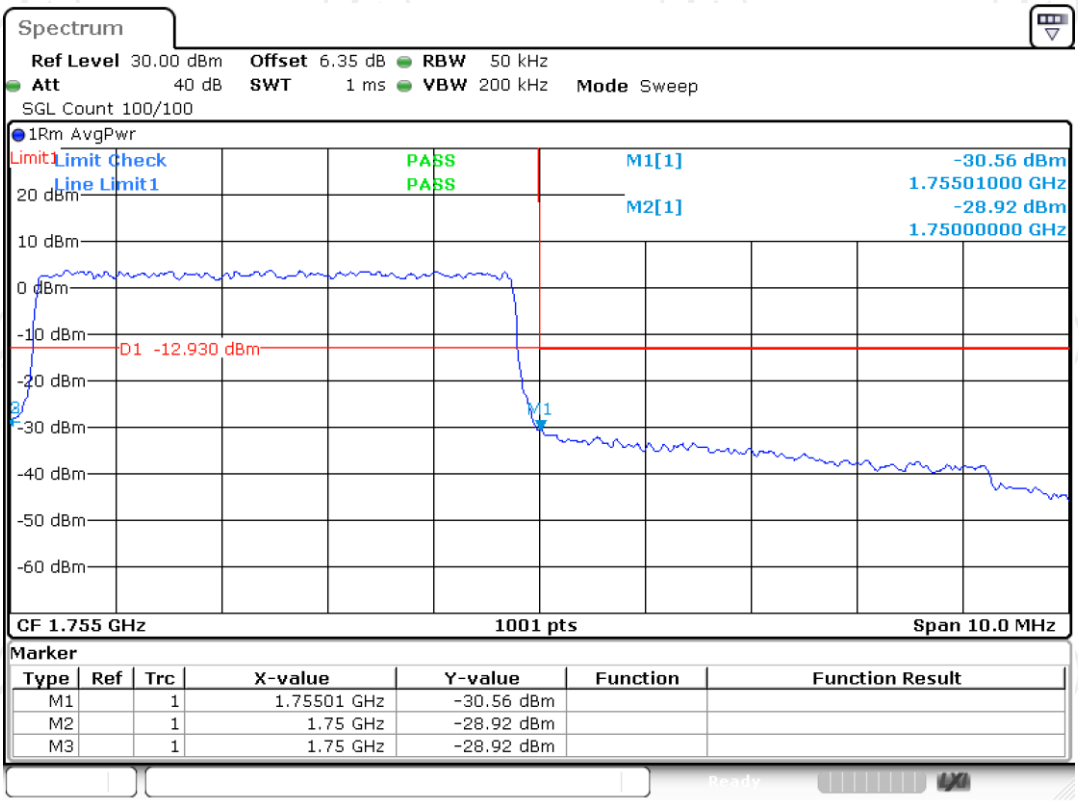
Date: 7.SEP.2023 13:13:21

Band4 16QAM BW=5MHz Channel=19975 RB Size=25 Position=#0



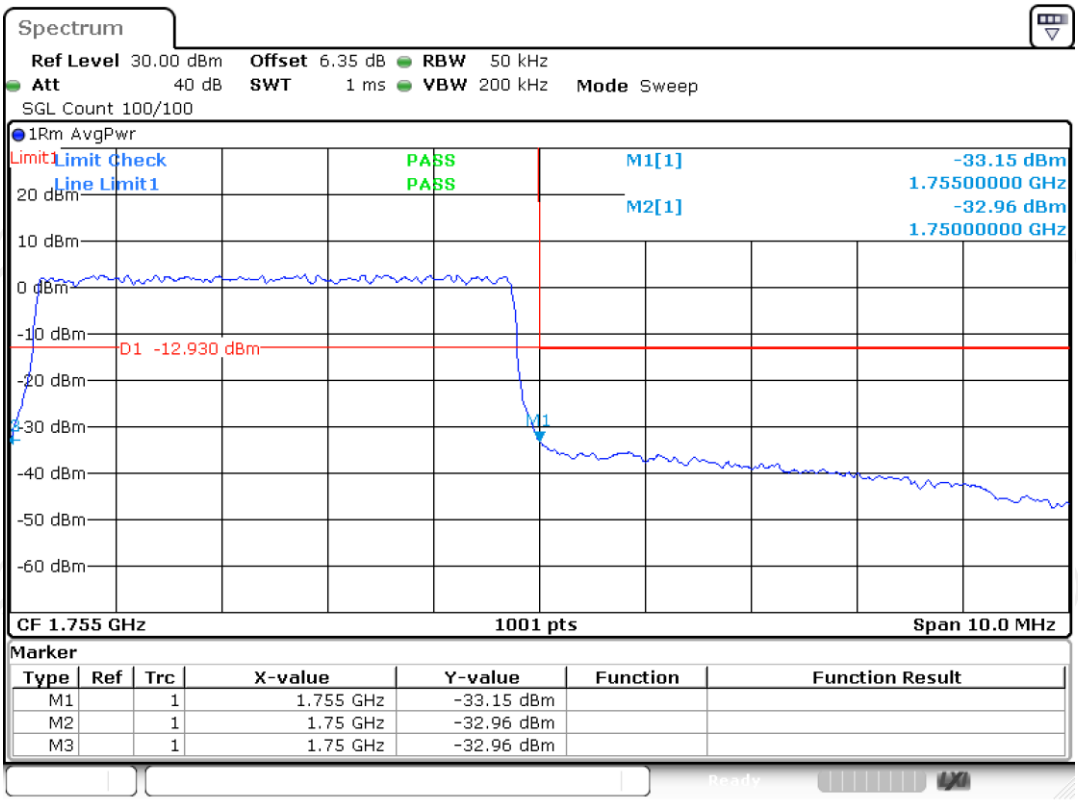
Date: 7.SEP.2023 13:13:26

Band4 QPSK BW=5MHz Channel=20375 RB Size=25 Position=#0



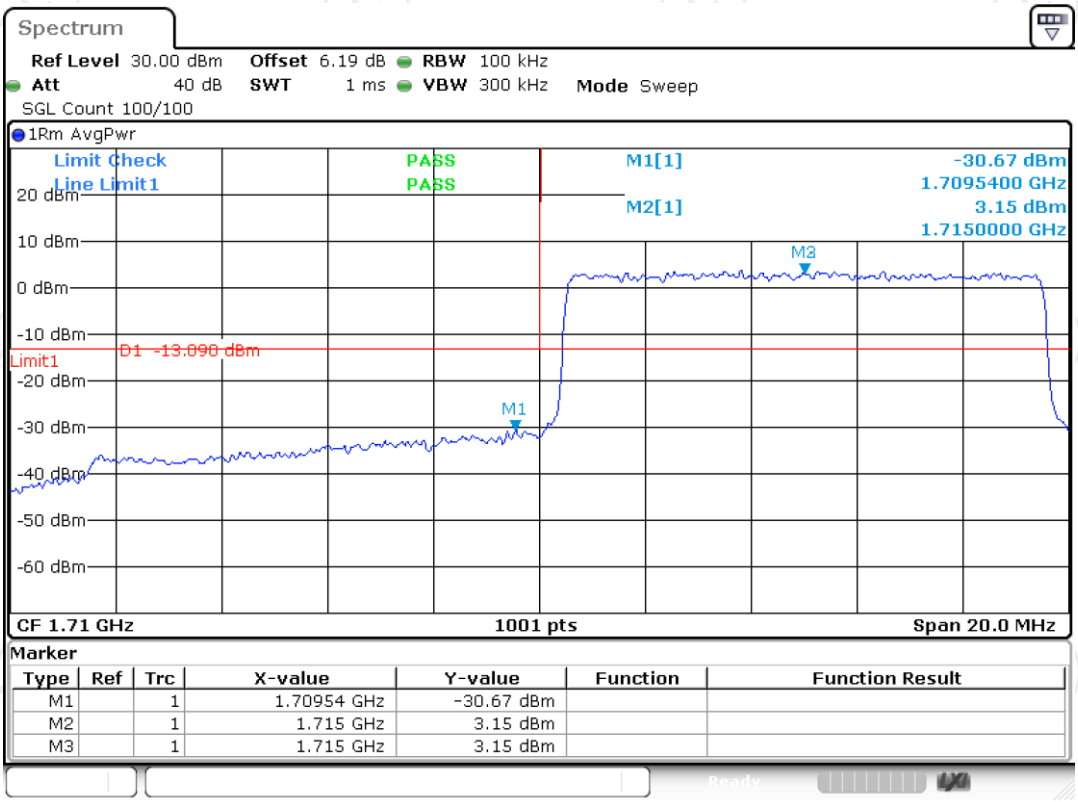
Date: 7.SEP.2023 13:13:31

Band4 16QAM BW=5MHz Channel=20375 RB Size=25 Position=#0



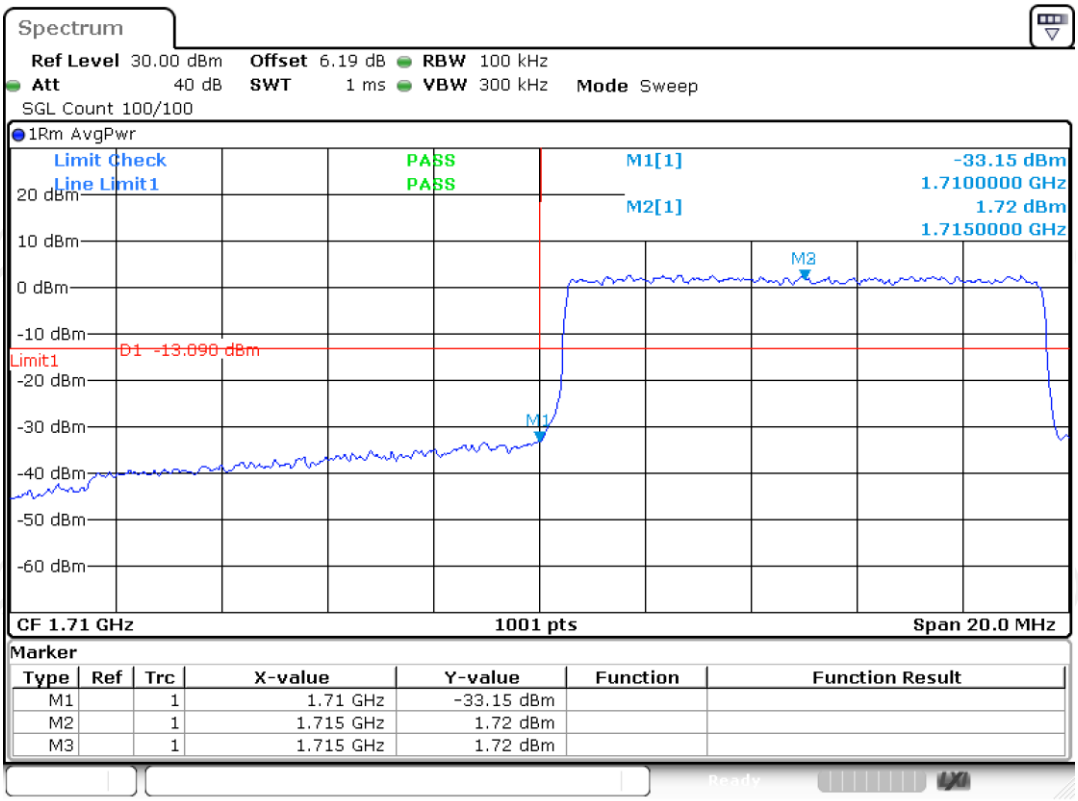
Date: 7.SEP.2023 13:13:36

Band4 QPSK BW=10MHz Channel=20000 RB Size=50 Position=#0



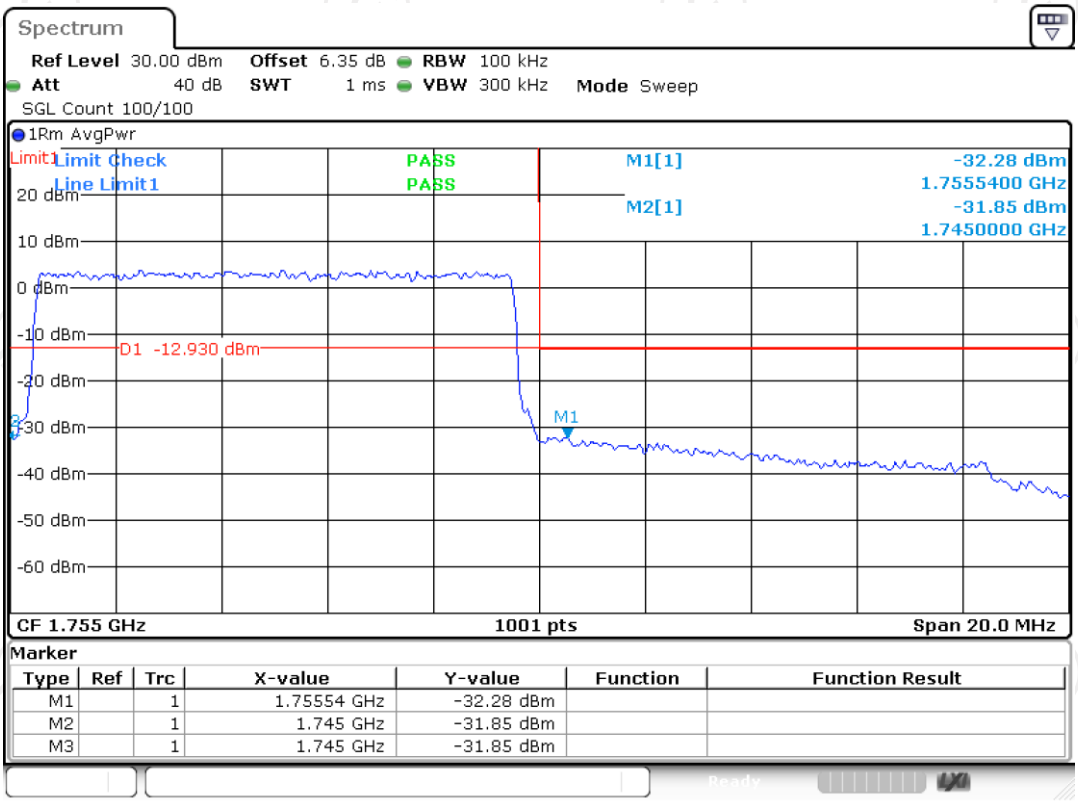
Date: 7.SEP.2023 13:13:41

Band4 16QAM BW=10MHz Channel=20000 RB Size=50 Position=#0



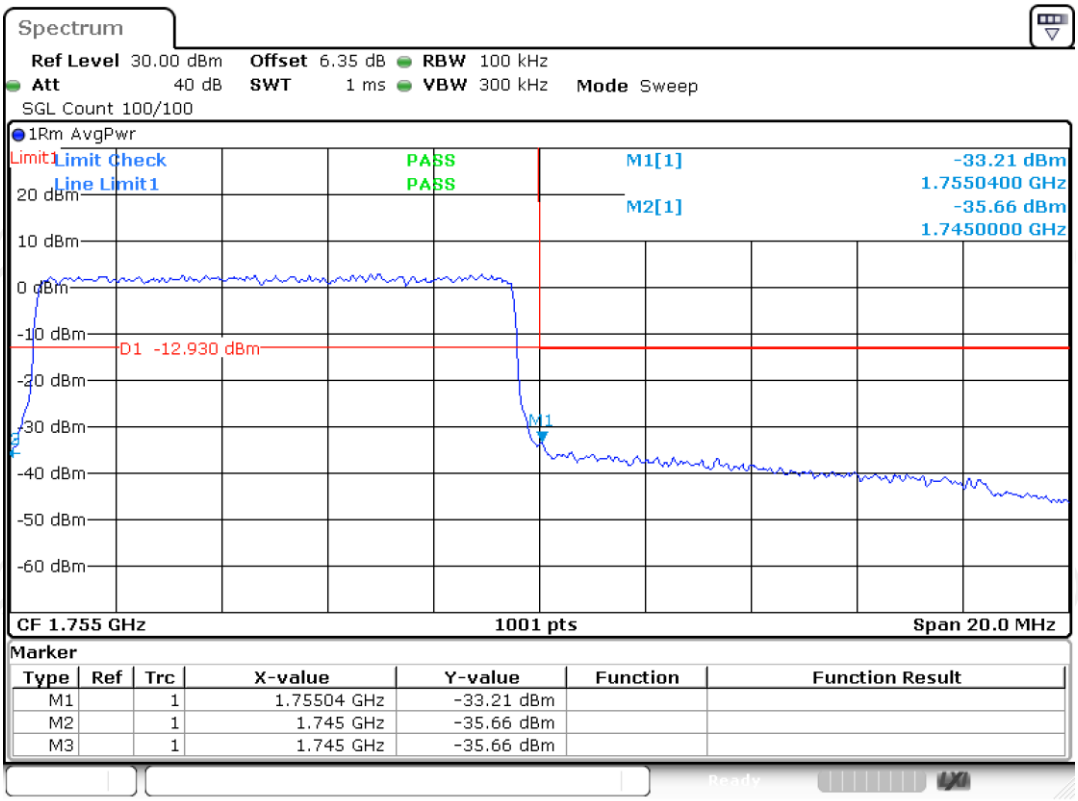
Date: 7.SEP.2023 13:13:46

Band4 QPSK BW=10MHz Channel=20350 RB Size=50 Position=#0



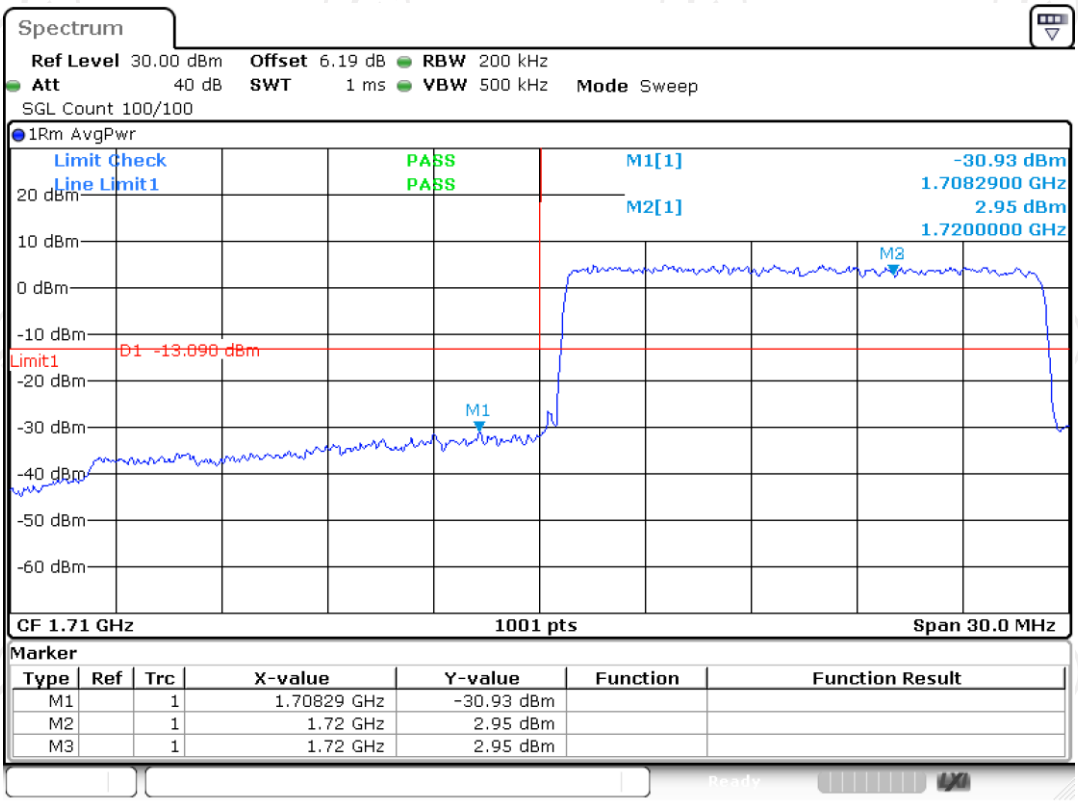
Date: 7.SEP.2023 13:13:51

Band4 16QAM BW=10MHz Channel=20350 RB Size=50 Position=#0



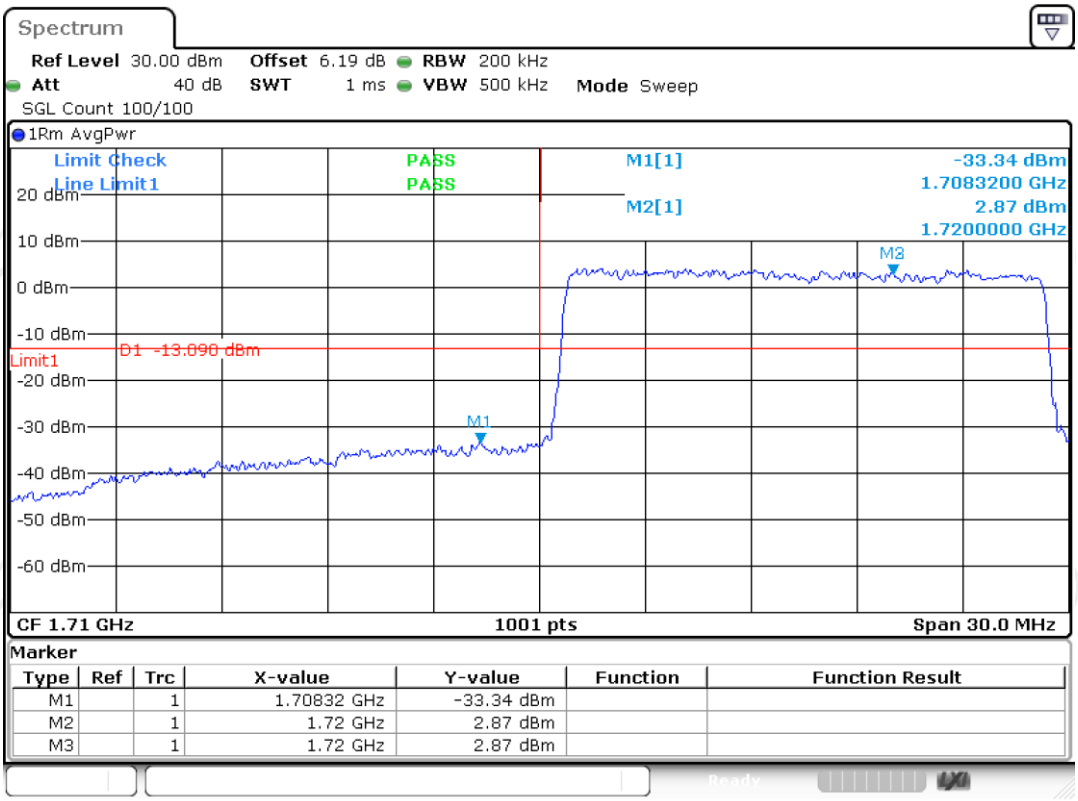
Date: 7.SEP.2023 13:13:56

Band4 QPSK BW=15MHz Channel=20025 RB Size=75 Position=#0



Date: 7.SEP.2023 13:14:01

Band4 16QAM BW=15MHz Channel=20025 RB Size=75 Position=#0



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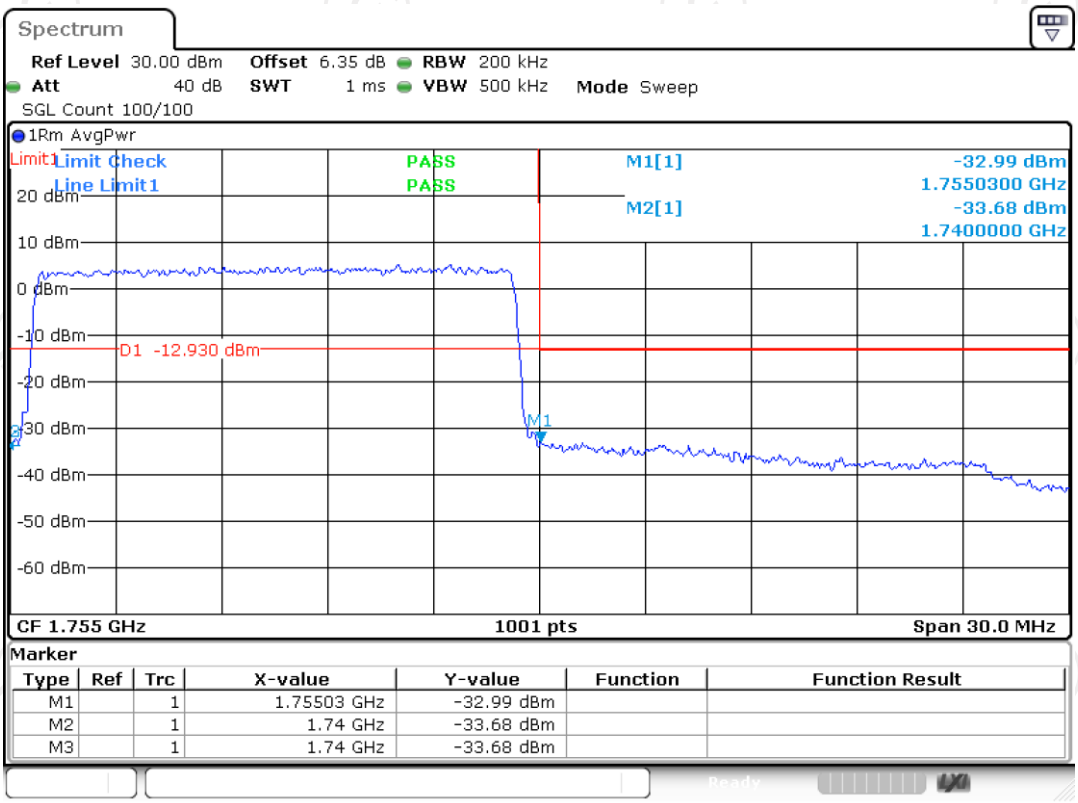
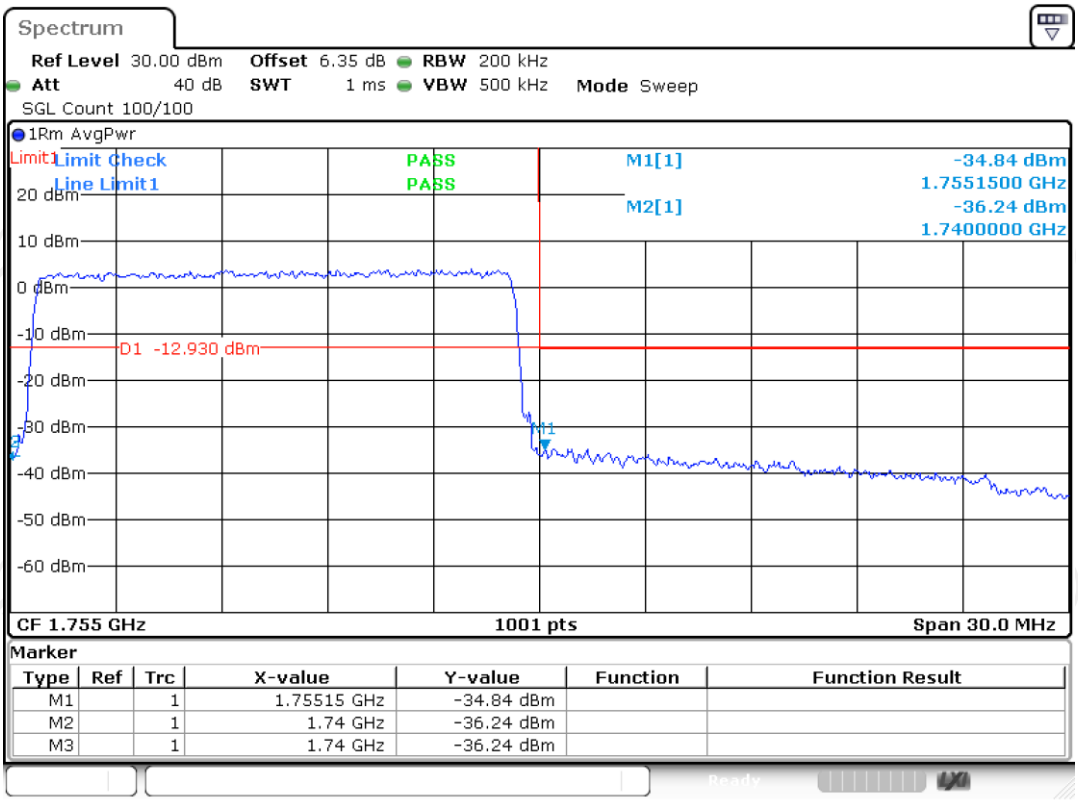
Band4 QPSK BW=15MHz Channel=20325 RB Size=75 Position=#0



Date: 7.SEP.2023 13:14:11

Band4 16QAM BW=15MHz Channel=20325 RB Size=75 Position=#0



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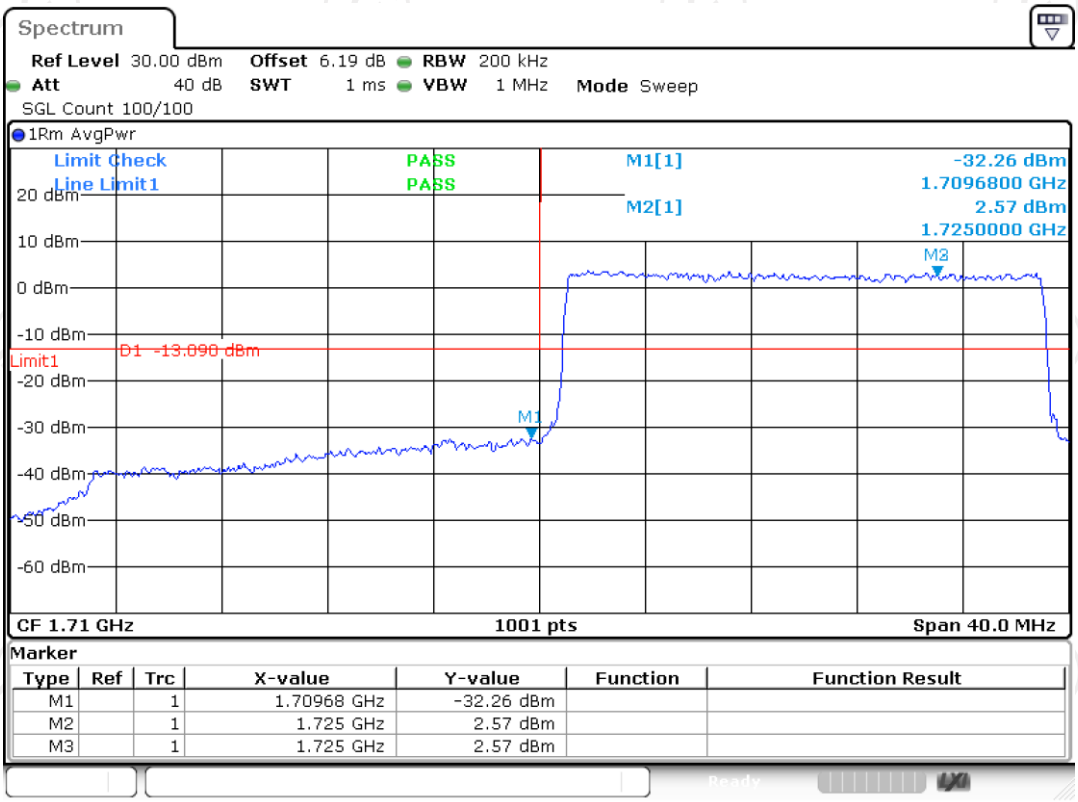
Band4 QPSK BW=20MHz Channel=20050 RB Size=100 Position=#0



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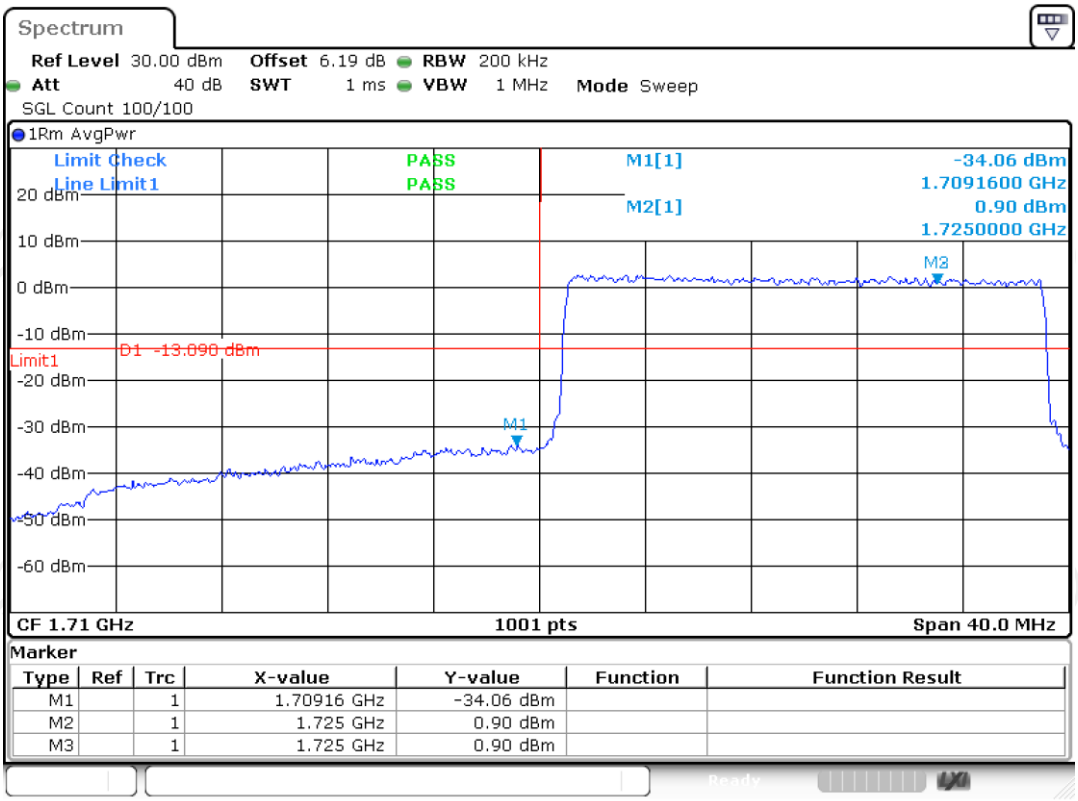
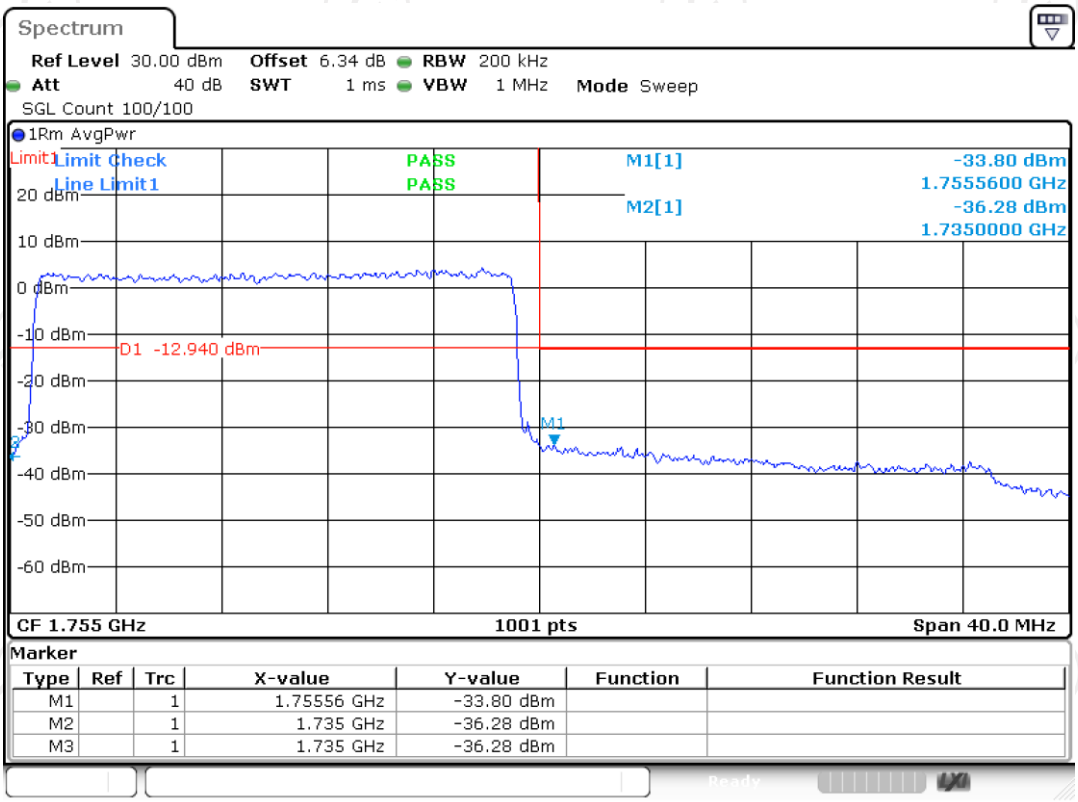
Band4 16QAM BW=20MHz Channel=20050 RB Size=100 Position=#0



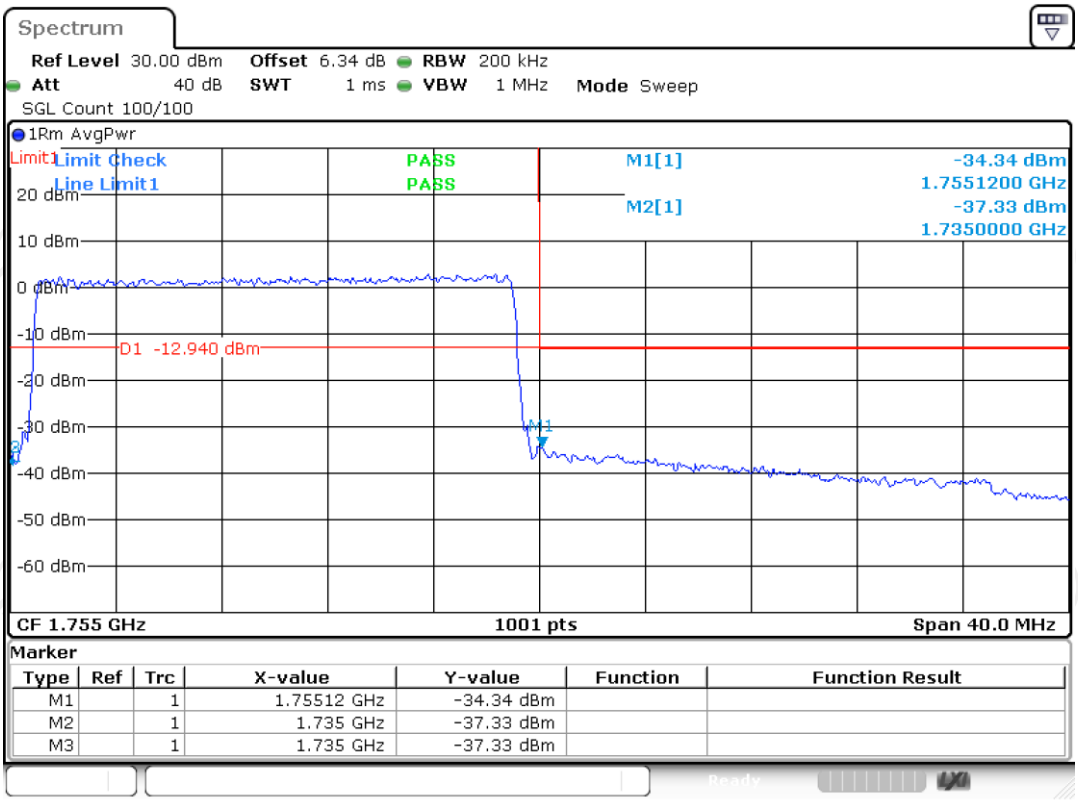
Date: 7.SEP.2023 13:14:29

Band4 QPSK BW=20MHz Channel=20300 RB Size=100 Position=#0



Date: 7.SEP.2023 13:14:35

Band4 16QAM BW=20MHz Channel=20300 RB Size=100 Position=#0



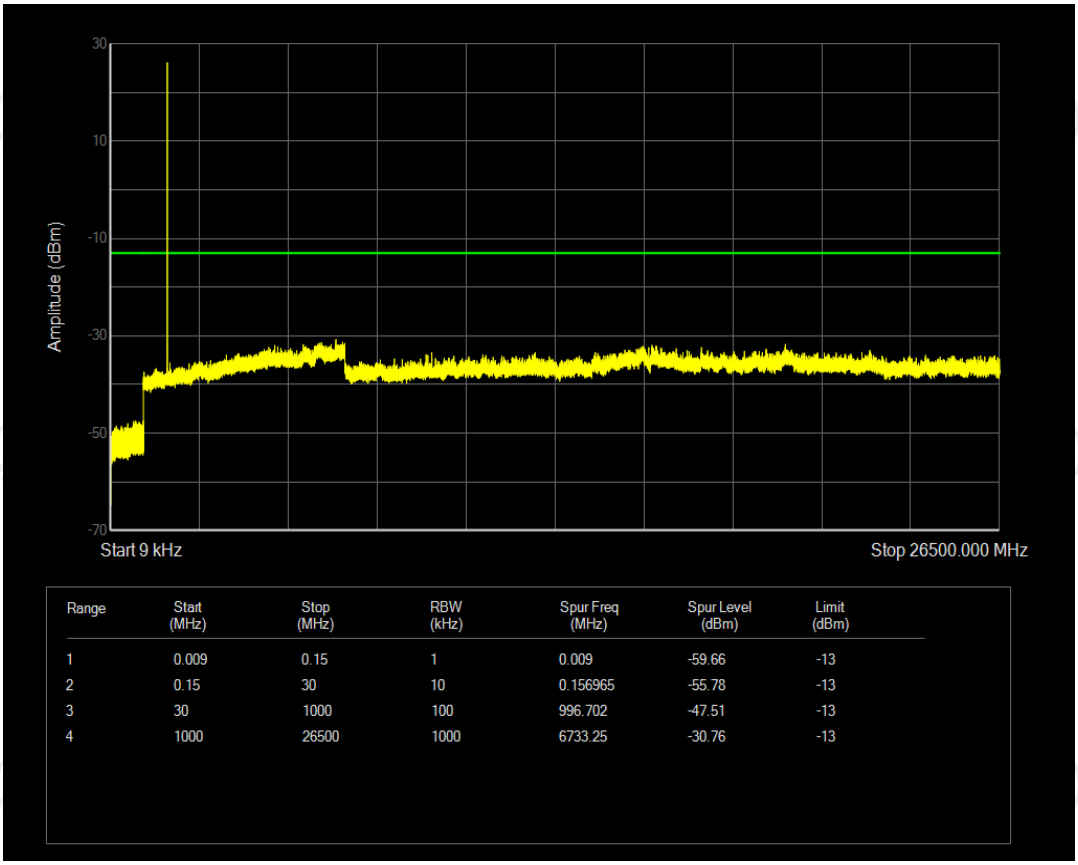
Date: 7.SEP.2023 13:14:41

6 Out-of-band emissions

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band4	1.4	19957	1	#0	QPSK	6733.25	-30.76	-13	PASS
Band4	1.4	19957	1	#0	16QAM	6217.30	-30.92	-13	PASS
Band4	1.4	20175	1	#0	QPSK	6791.90	-31.04	-13	PASS
Band4	1.4	20175	1	#0	16QAM	6314.20	-30.97	-13	PASS
Band4	1.4	20393	1	#0	QPSK	15788.30	-30.37	-13	PASS
Band4	1.4	20393	1	#0	16QAM	6275.10	-30.54	-13	PASS
Band4	3	19965	1	#0	QPSK	6817.40	-30.92	-13	PASS
Band4	3	19965	1	#0	16QAM	6278.50	-30.87	-13	PASS
Band4	3	20175	1	#0	QPSK	6230.05	-30.33	-13	PASS
Band4	3	20175	1	#0	16QAM	6965.30	-30.27	-13	PASS
Band4	3	20385	1	#0	QPSK	1795.60	-23.42	-13	PASS
Band4	3	20385	1	#0	16QAM	6901.55	-30.49	-13	PASS
Band4	5	19975	1	#0	QPSK	6877.75	-30.77	-13	PASS
Band4	5	19975	1	#0	16QAM	6793.60	-30.72	-13	PASS
Band4	5	20175	1	#0	QPSK	6688.20	-30.71	-13	PASS
Band4	5	20175	1	#0	16QAM	6563.25	-30.87	-13	PASS
Band4	5	20375	1	#0	QPSK	1795.60	-28.91	-13	PASS
Band4	5	20375	1	#0	16QAM	6249.60	-30.38	-13	PASS
Band4	10	20000	1	#0	QPSK	6297.20	-29.76	-13	PASS

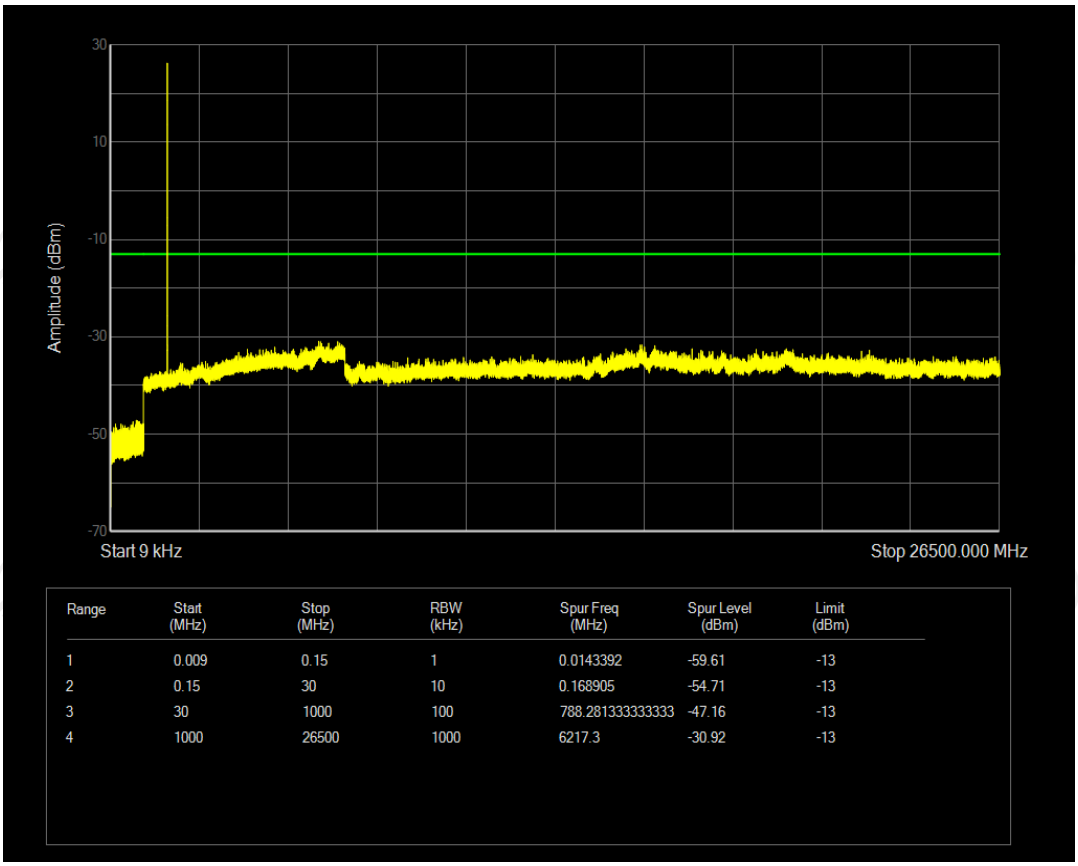
Band4	10	20000	1	#0	16QAM	6918.55	-30.89	-13	PASS
Band4	10	20175	1	#0	QPSK	6207.10	-29.32	-13	PASS
Band4	10	20175	1	#0	16QAM	6222.40	-30.95	-13	PASS
Band4	10	20350	1	#0	QPSK	6960.20	-30.69	-13	PASS
Band4	10	20350	1	#0	16QAM	6275.10	-30.89	-13	PASS
Band4	15	20025	1	#0	QPSK	6744.30	-30.64	-13	PASS
Band4	15	20025	1	#0	16QAM	5850.95	-31.17	-13	PASS
Band4	15	20175	1	#0	QPSK	6168.85	-30.96	-13	PASS
Band4	15	20175	1	#0	16QAM	15772.15	-31.26	-13	PASS
Band4	15	20325	1	#0	QPSK	6209.65	-30.75	-13	PASS
Band4	15	20325	1	#0	16QAM	6231.75	-30.17	-13	PASS
Band4	20	20050	1	#0	QPSK	6825.05	-31.17	-13	PASS
Band4	20	20050	1	#0	16QAM	6425.55	-31.28	-13	PASS
Band4	20	20175	1	#0	QPSK	15951.50	-31.07	-13	PASS
Band4	20	20175	1	#0	16QAM	6184.15	-30.46	-13	PASS
Band4	20	20300	1	#0	QPSK	6286.15	-29.98	-13	PASS
Band4	20	20300	1	#0	16QAM	6710.30	-29.87	-13	PASS

Band4 QPSK BW=1.4MHz Channel=19957 RB Size=1 Position=#0



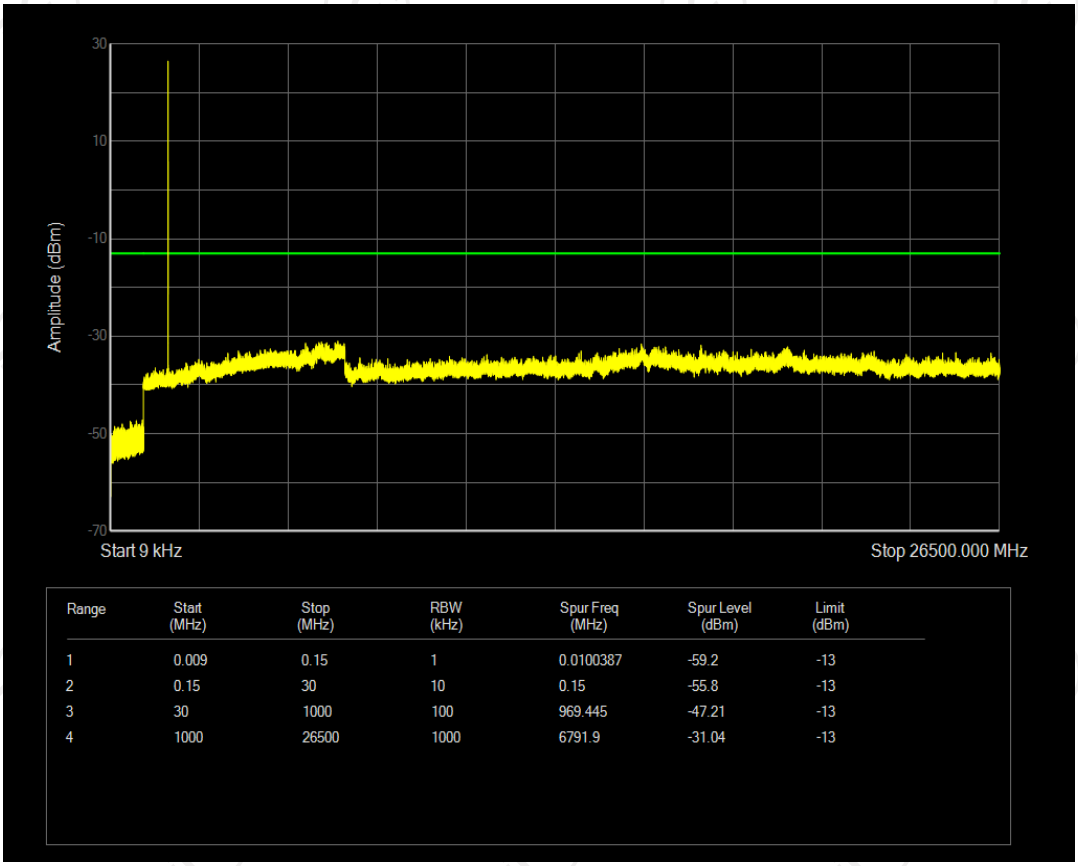
Band4 16QAM BW=1.4MHz Channel=19957 RB Size=1 Position=#0

Hotline: 400-6611-140 Tel: 86-755-27673339 Fax: 86-755-27673332 http://www.tct-lab.com



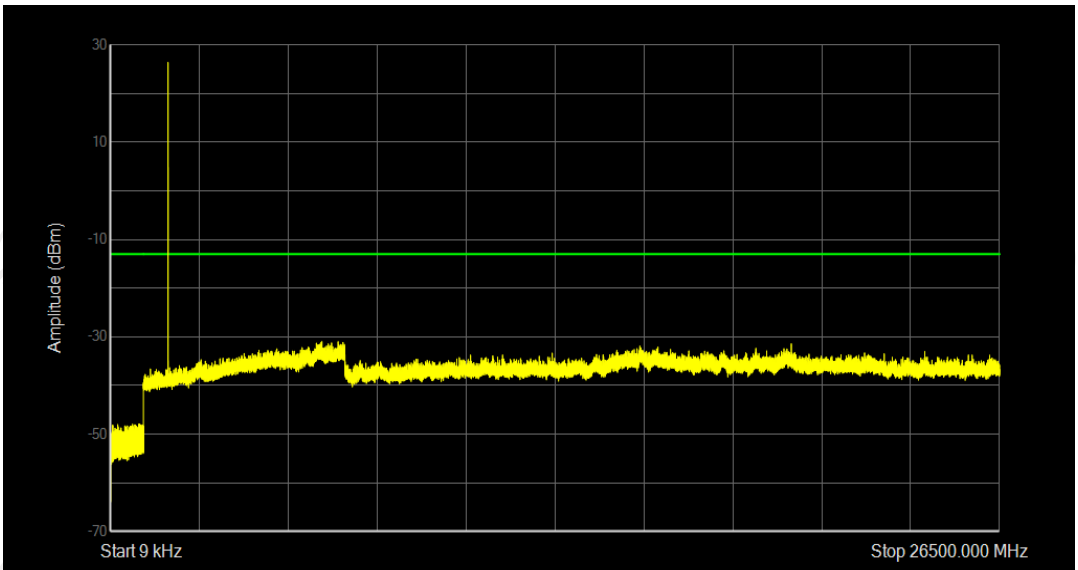
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0143392	-59.61	-13
2	0.15	30	10	0.168905	-54.71	-13
3	30	1000	100	788.281333333333	-47.16	-13
4	1000	26500	1000	6217.3	-30.92	-13

Band4 QPSK BW=1.4MHz Channel=20175 RB Size=1 Position=#0



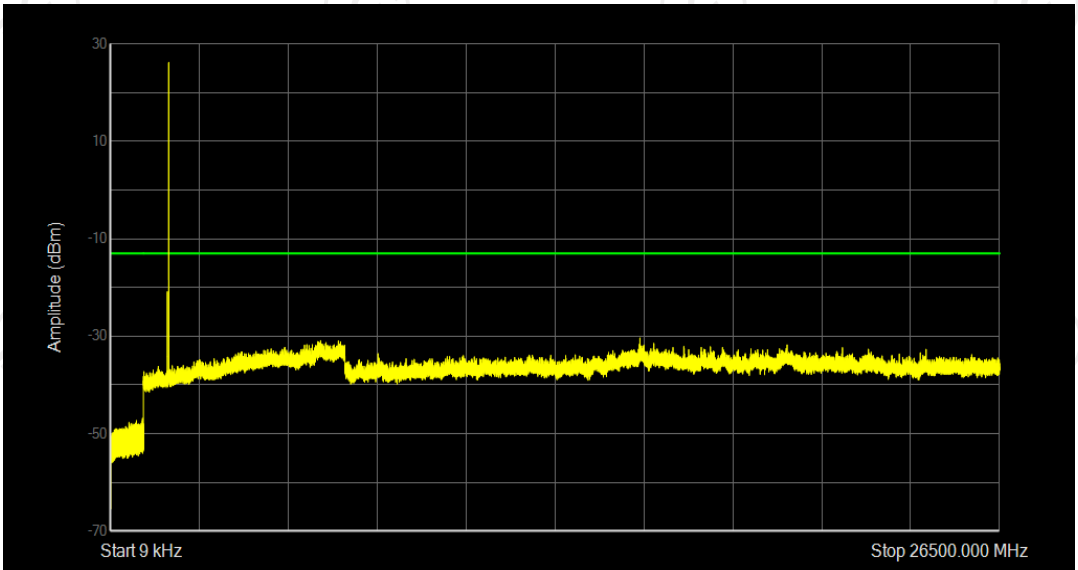
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0100387	-59.2	-13
2	0.15	30	10	0.15	-55.8	-13
3	30	1000	100	969.445	-47.21	-13
4	1000	26500	1000	6791.9	-31.04	-13

Band4 16QAM BW=1.4MHz Channel=20175 RB Size=1 Position=#0



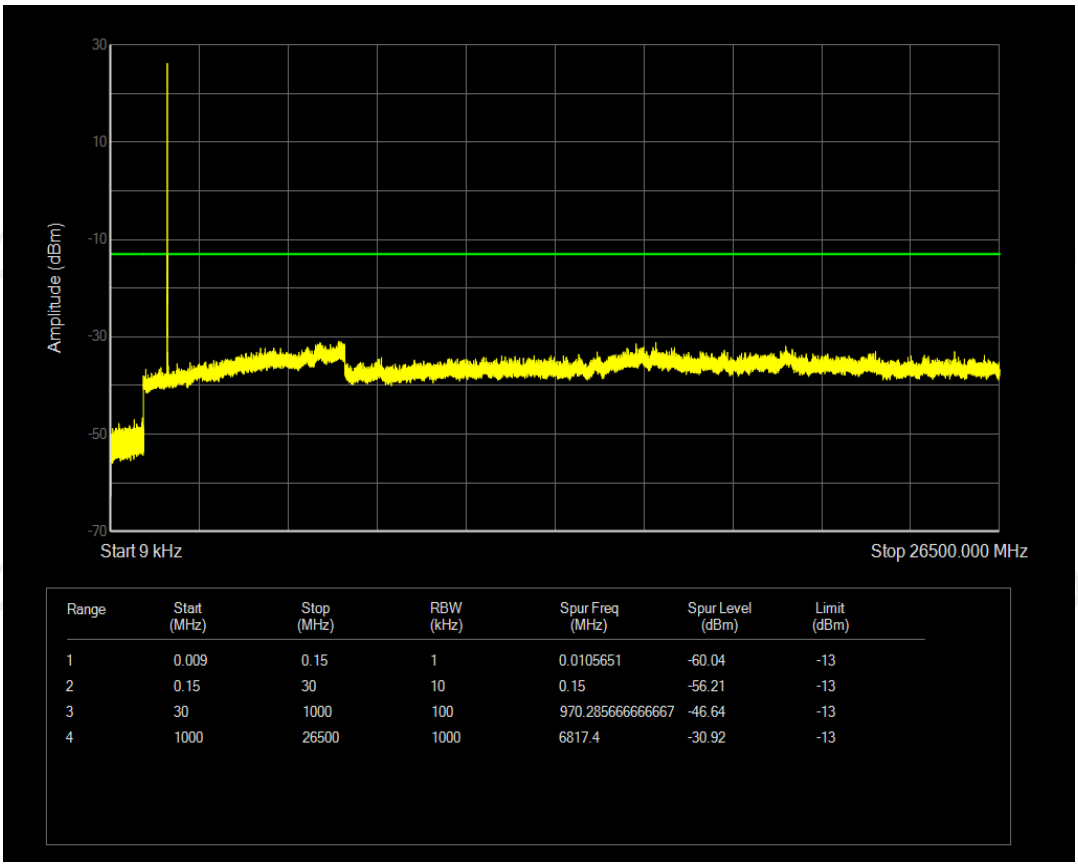
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0215584	-59.51	-13
2	0.15	30	10	0.15	-56.72	-13
3	30	1000	100	863.682666666667	-47.92	-13
4	1000	26500	1000	6314.2	-30.97	-13

Band4 QPSK BW=1.4MHz Channel=20393 RB Size=1 Position=#0



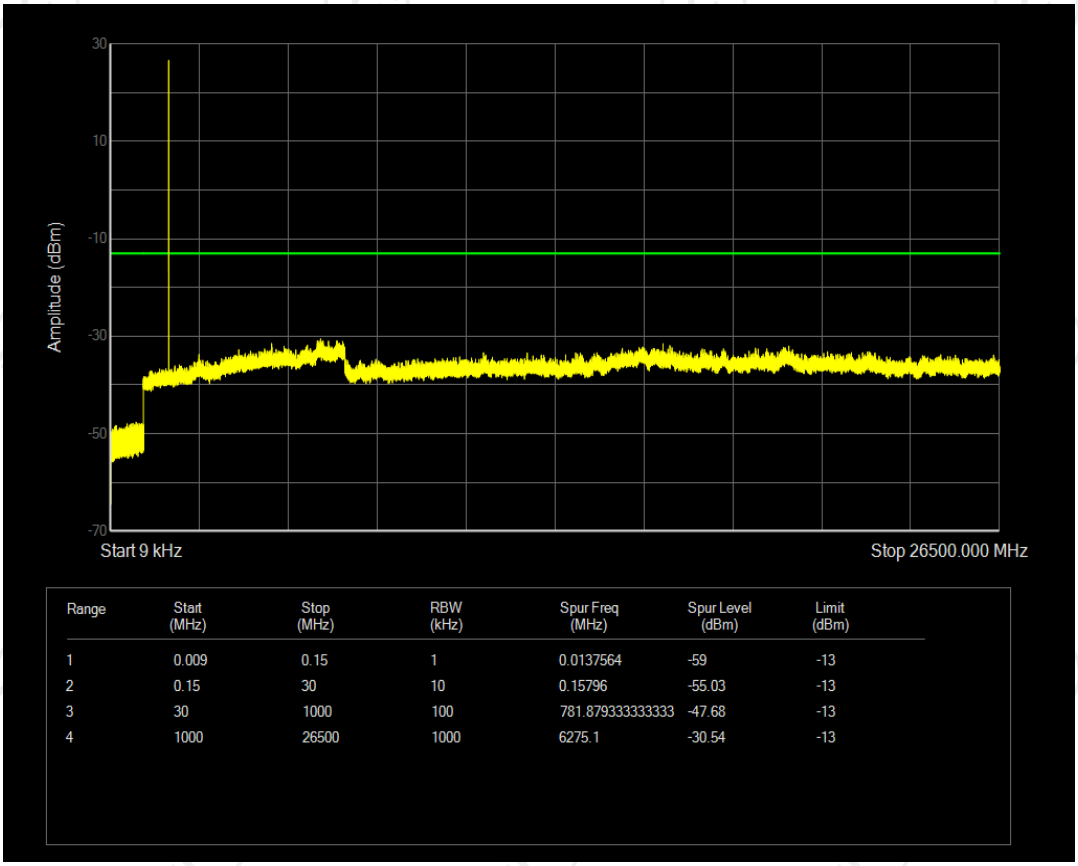
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0461441	-60.3	-13
2	0.15	30	10	0.150995	-54.65	-13
3	30	1000	100	971.87	-46.84	-13
4	1000	26500	1000	15788.3	-30.37	-13

Band4 QPSK BW=3MHz Channel=19965 RB Size=1 Position=#0



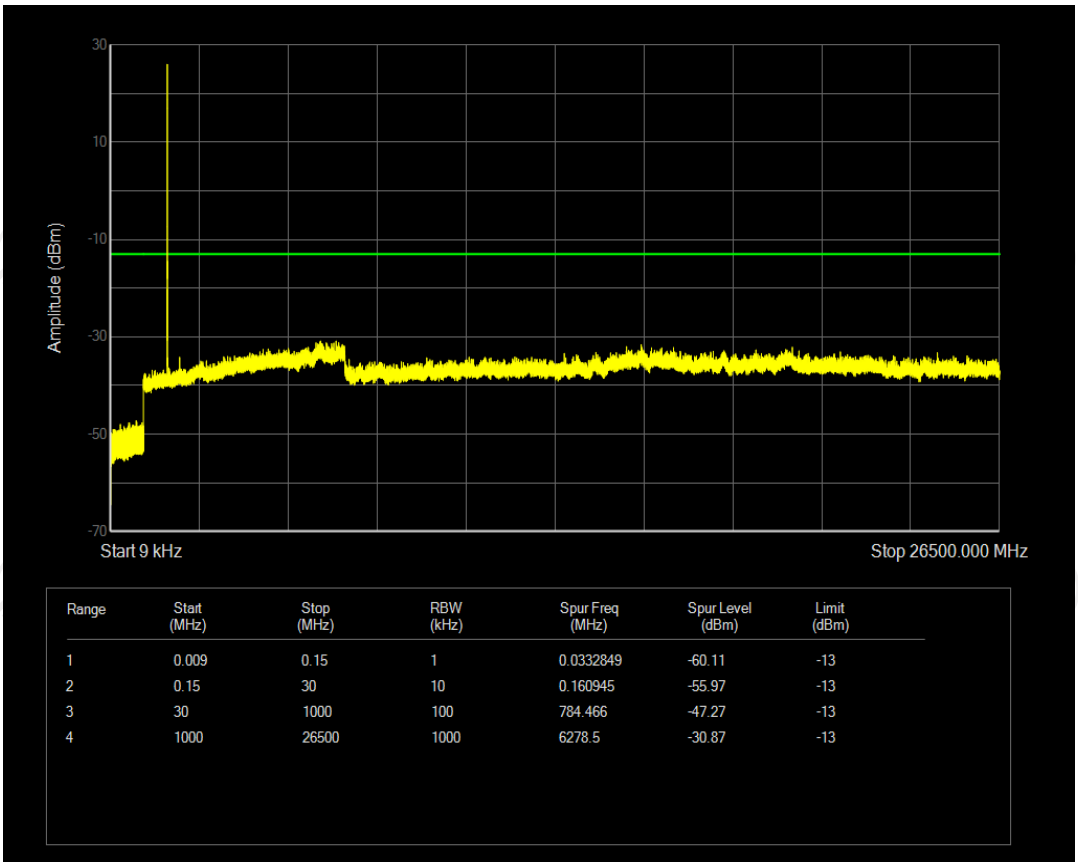
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0105651	-60.04	-13
2	0.15	30	10	0.15	-56.21	-13
3	30	1000	100	970.285666666667	-46.64	-13
4	1000	26500	1000	6817.4	-30.92	-13

Band4 16QAM BW=1.4MHz Channel=20393 RB Size=1 Position=#0



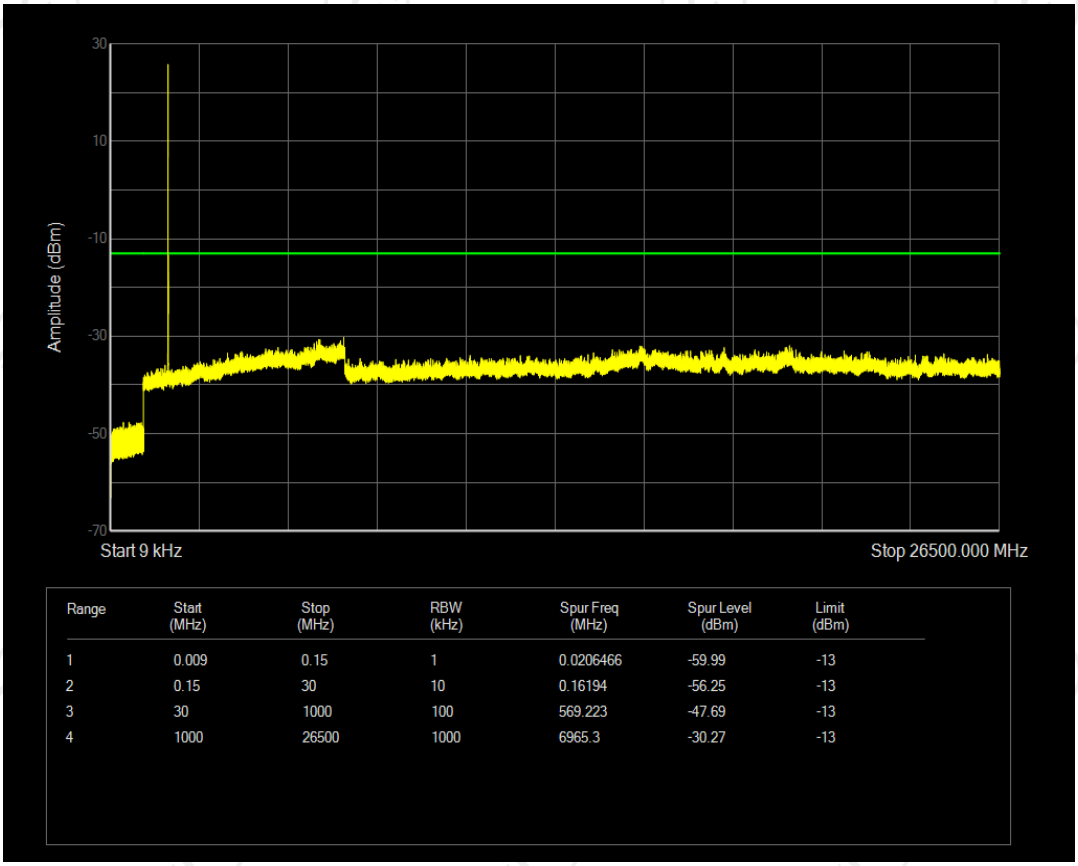
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0137564	-59	-13
2	0.15	30	10	0.15796	-55.03	-13
3	30	1000	100	781.879333333333	-47.68	-13
4	1000	26500	1000	6275.1	-30.54	-13

Band4 16QAM BW=3MHz Channel=19965 RB Size=1 Position=#0



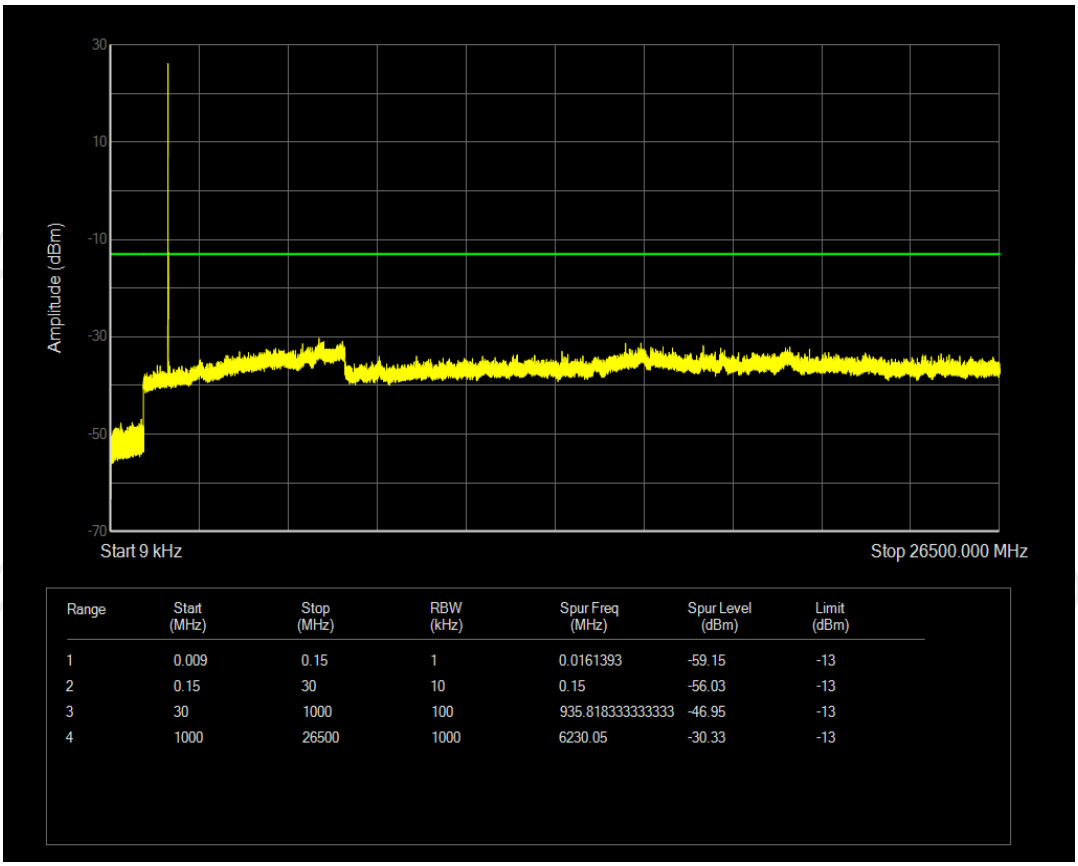
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0332849	-60.11	-13
2	0.15	30	10	0.160945	-55.97	-13
3	30	1000	100	784.466	-47.27	-13
4	1000	26500	1000	6278.5	-30.87	-13

Band4 16QAM BW=3MHz Channel=20175 RB Size=1 Position=#0



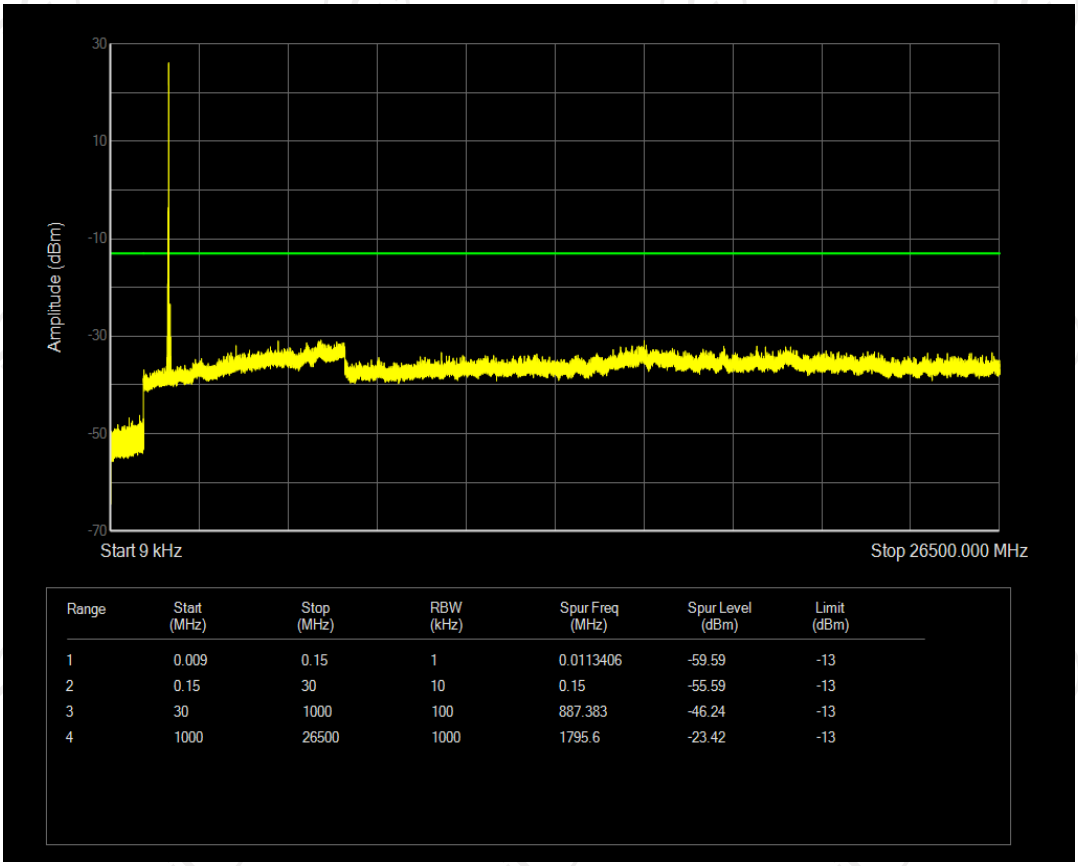
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0206466	-59.99	-13
2	0.15	30	10	0.16194	-56.25	-13
3	30	1000	100	569.223	-47.69	-13
4	1000	26500	1000	6965.3	-30.27	-13

Band4 QPSK BW=3MHz Channel=20175 RB Size=1 Position=#0



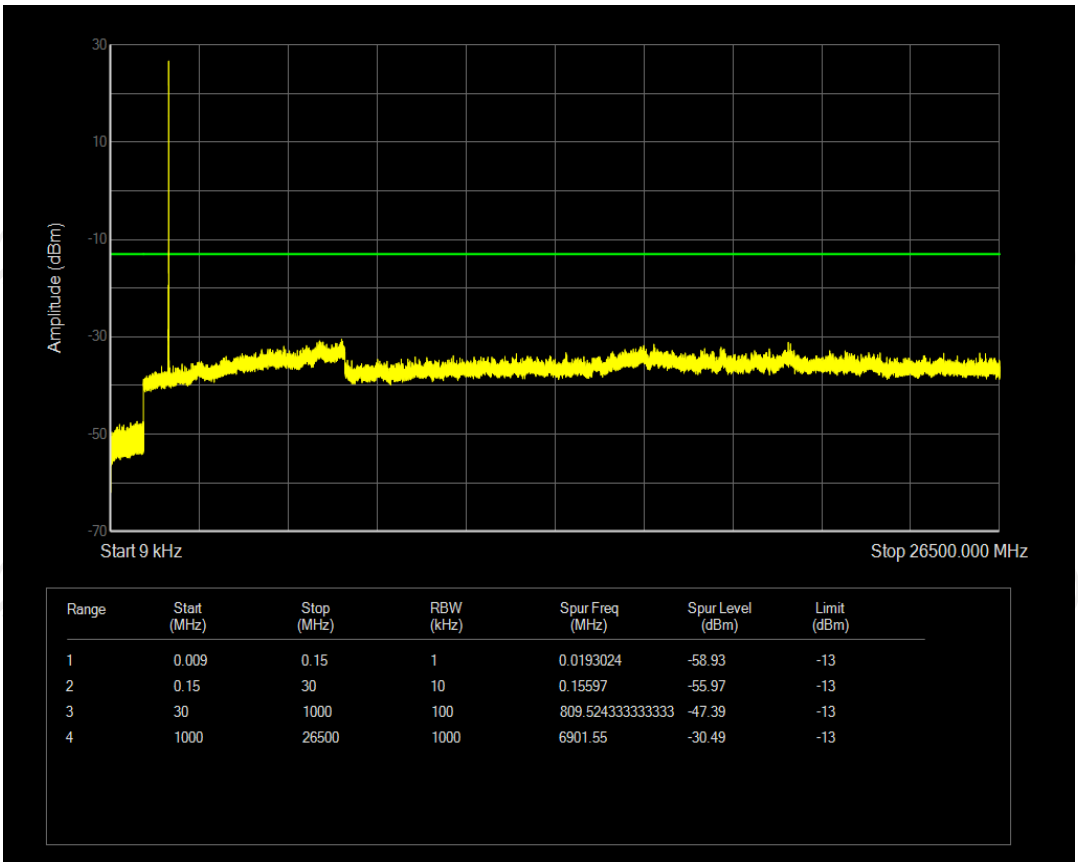
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0161393	-59.15	-13
2	0.15	30	10	0.15	-56.03	-13
3	30	1000	100	935.818333333333	-46.95	-13
4	1000	26500	1000	6230.05	-30.33	-13

Band4 QPSK BW=3MHz Channel=20385 RB Size=1 Position=#0



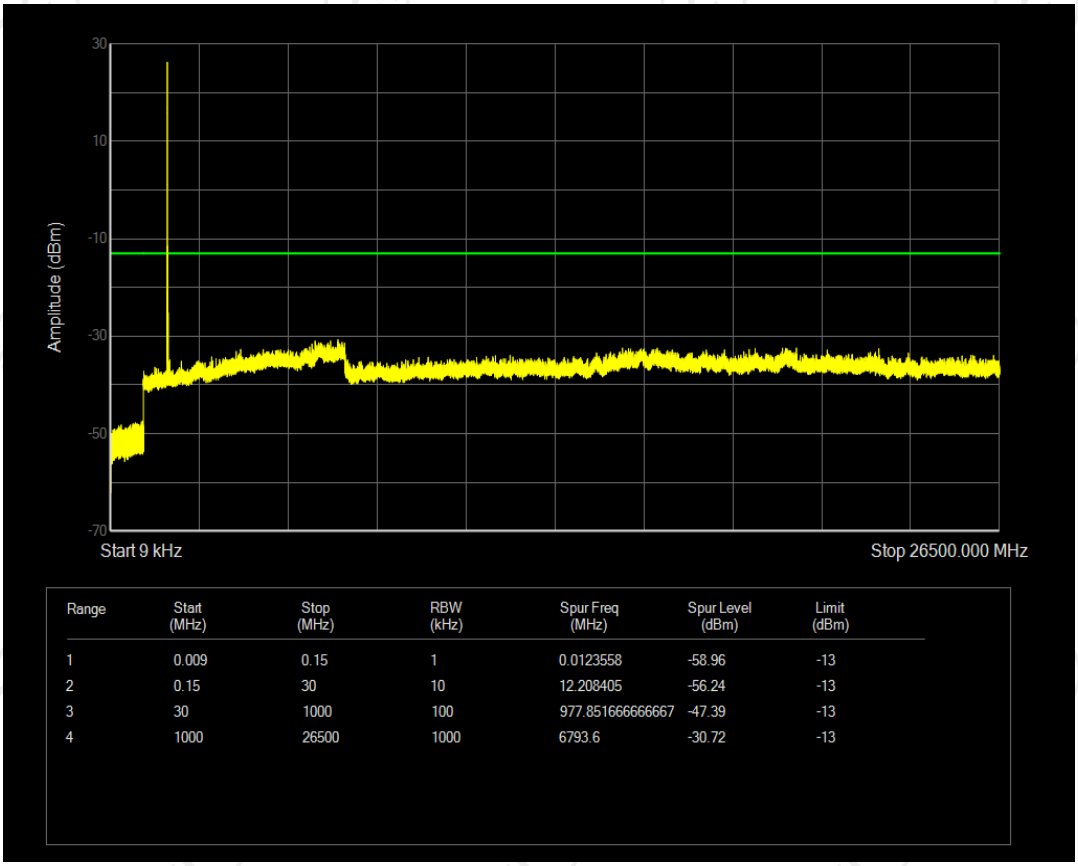
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113406	-59.59	-13
2	0.15	30	10	0.15	-55.59	-13
3	30	1000	100	887.383	-46.24	-13
4	1000	26500	1000	1795.6	-23.42	-13

Band4 16QAM BW=3MHz Channel=20385 RB Size=1 Position=#0



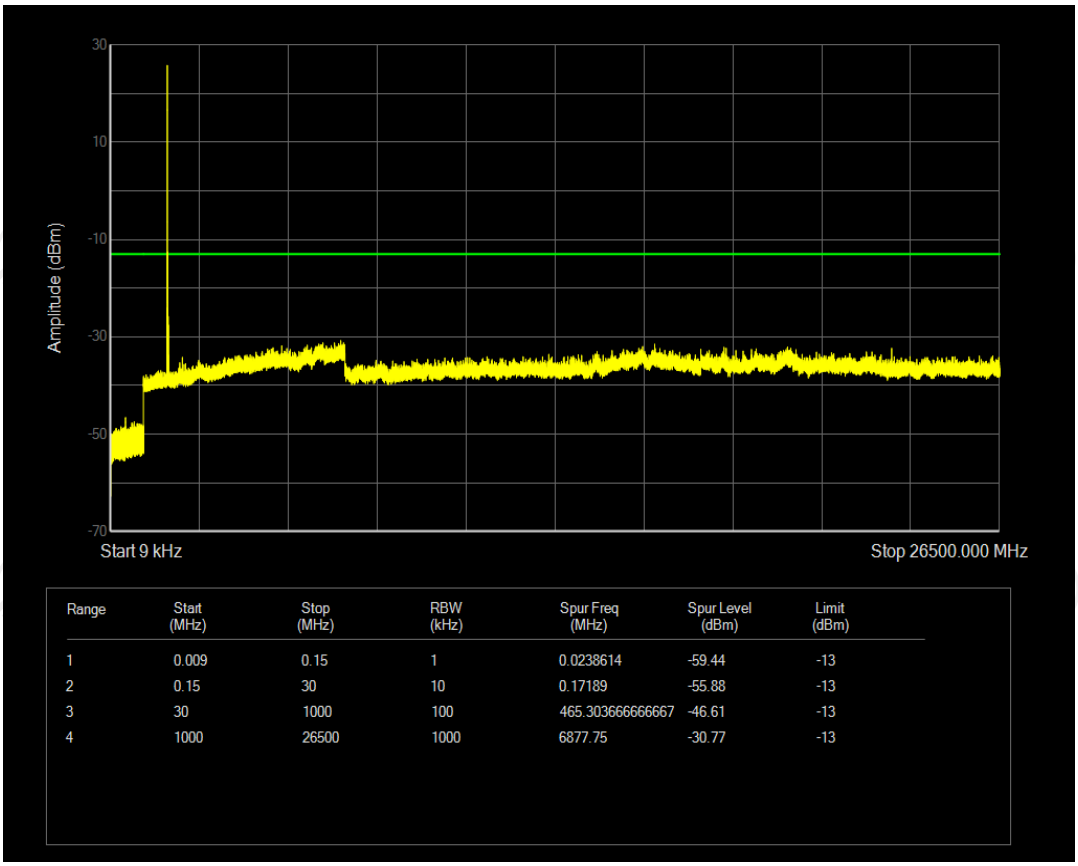
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0193024	-58.93	-13
2	0.15	30	10	0.15597	-55.97	-13
3	30	1000	100	809.524333333333	-47.39	-13
4	1000	26500	1000	6901.55	-30.49	-13

Band4 16QAM BW=5MHz Channel=19975 RB Size=1 Position=#0



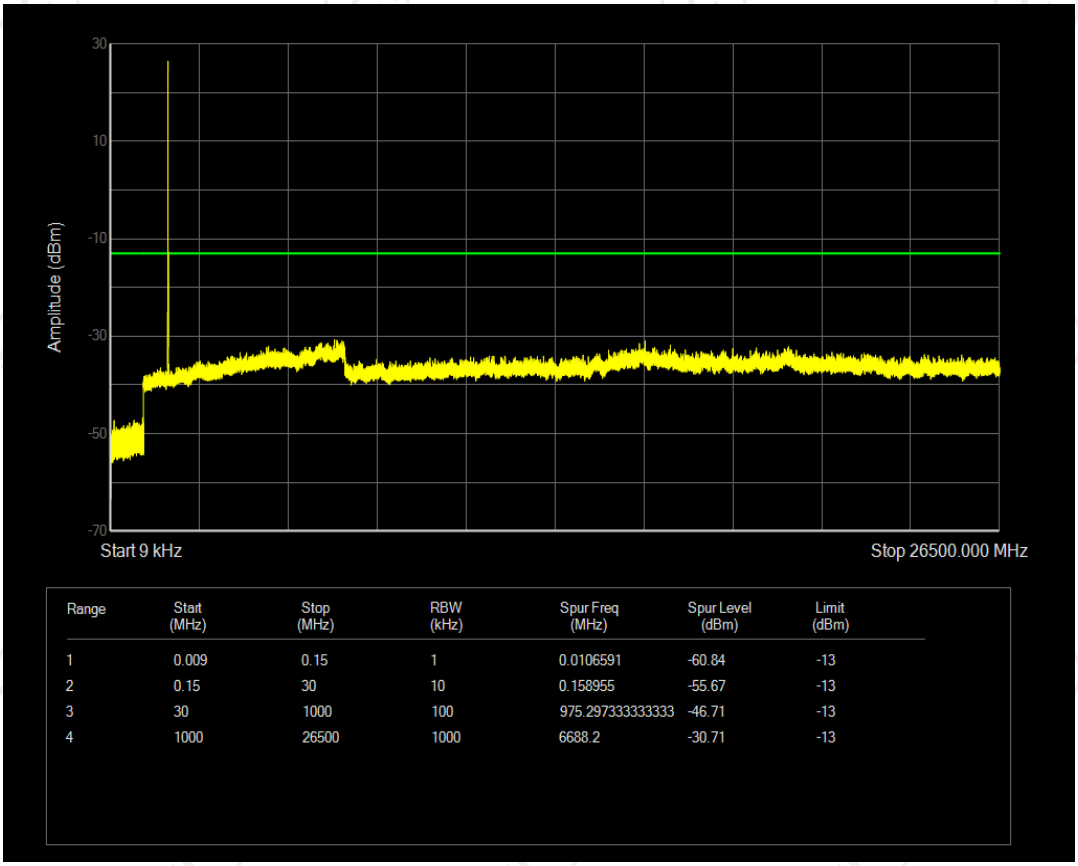
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123558	-58.96	-13
2	0.15	30	10	12.208405	-56.24	-13
3	30	1000	100	977.851666666667	-47.39	-13
4	1000	26500	1000	6793.6	-30.72	-13

Band4 QPSK BW=5MHz Channel=19975 RB Size=1 Position=#0



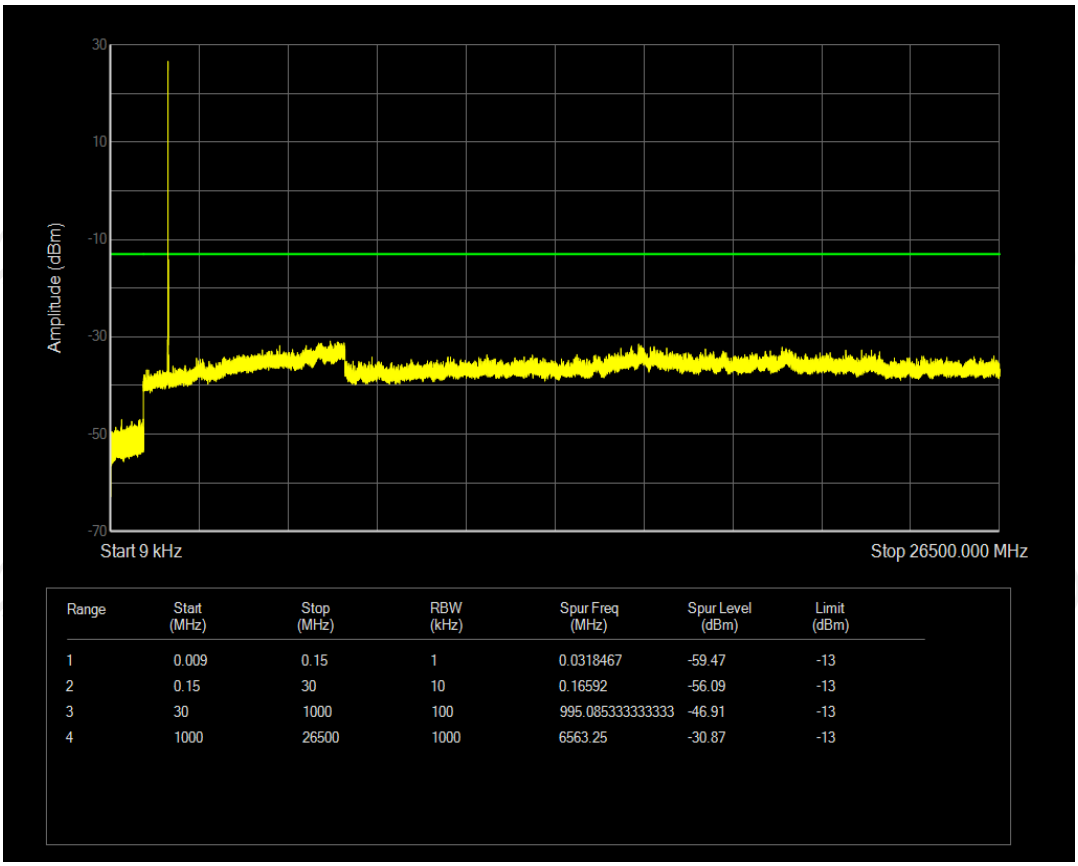
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0238614	-59.44	-13
2	0.15	30	10	0.17189	-55.88	-13
3	30	1000	100	465.303666666667	-46.61	-13
4	1000	26500	1000	6877.75	-30.77	-13

Band4 QPSK BW=5MHz Channel=20175 RB Size=1 Position=#0



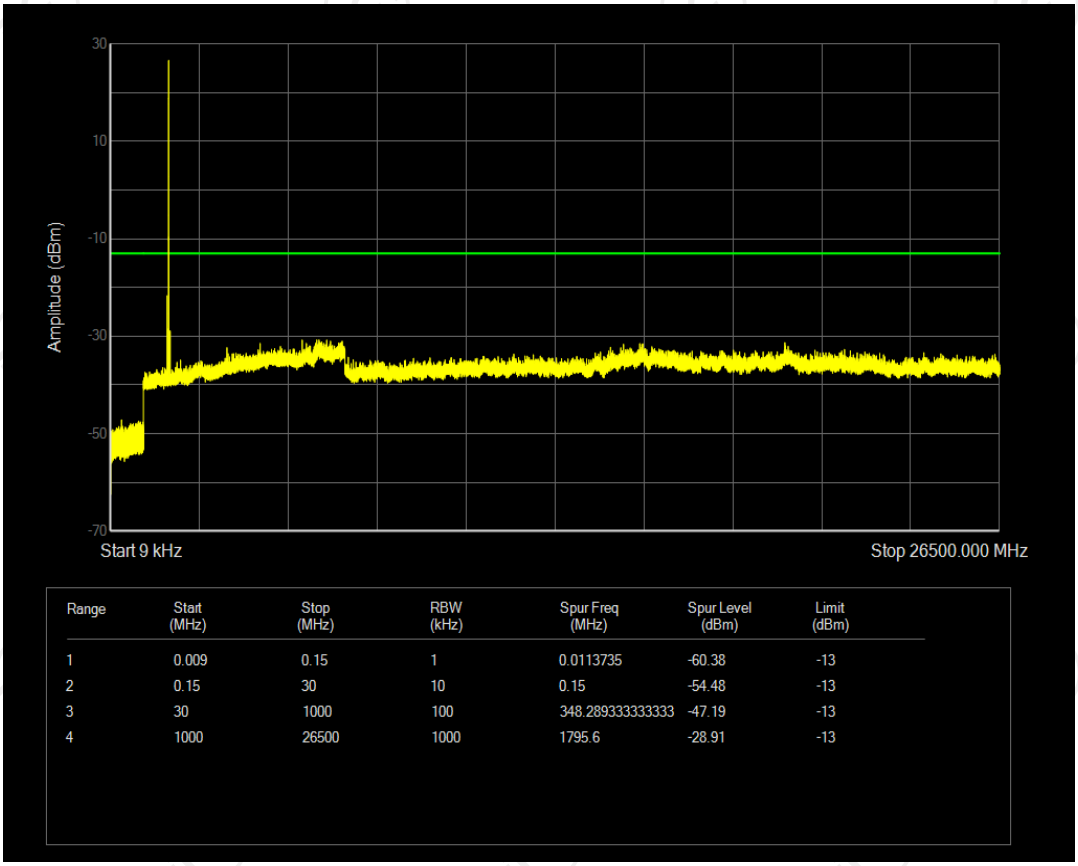
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0106591	-60.84	-13
2	0.15	30	10	0.158955	-55.67	-13
3	30	1000	100	975.297333333333	-46.71	-13
4	1000	26500	1000	6688.2	-30.71	-13

Band4 16QAM BW=5MHz Channel=20175 RB Size=1 Position=#0



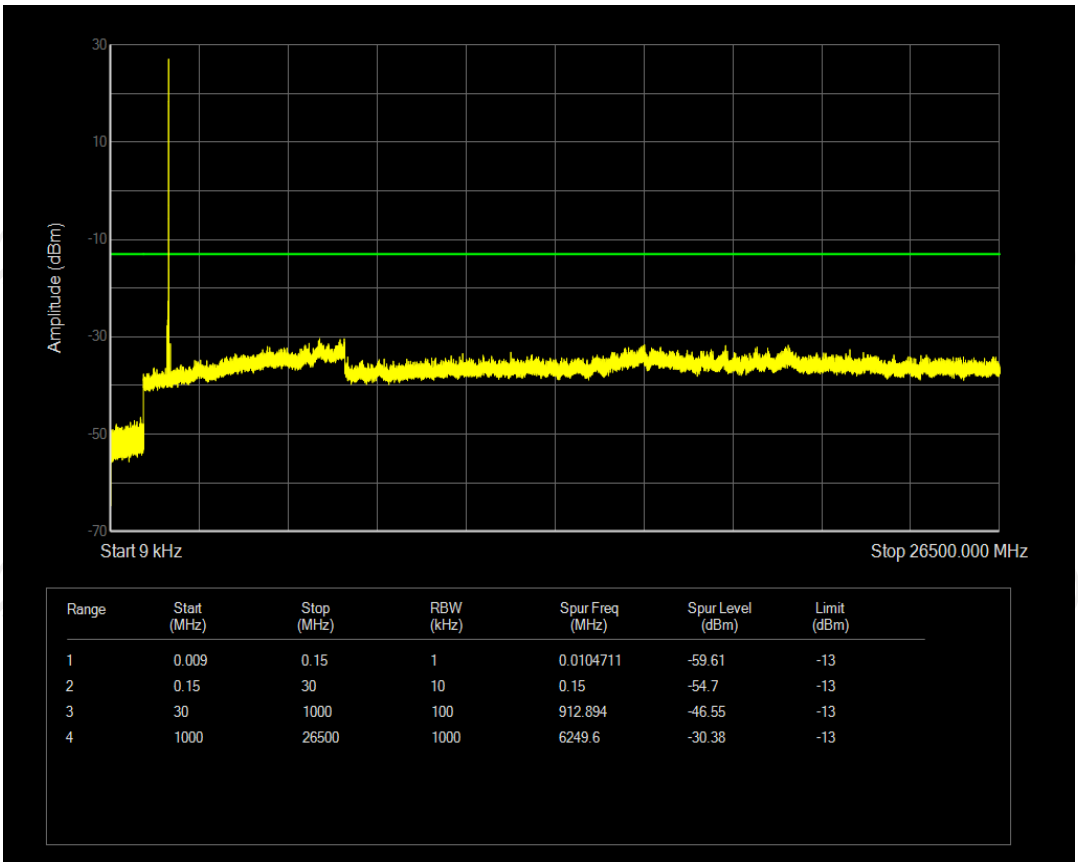
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0318467	-59.47	-13
2	0.15	30	10	0.16592	-56.09	-13
3	30	1000	100	995.085333333333	-46.91	-13
4	1000	26500	1000	6563.25	-30.87	-13

Band4 QPSK BW=5MHz Channel=20375 RB Size=1 Position=#0



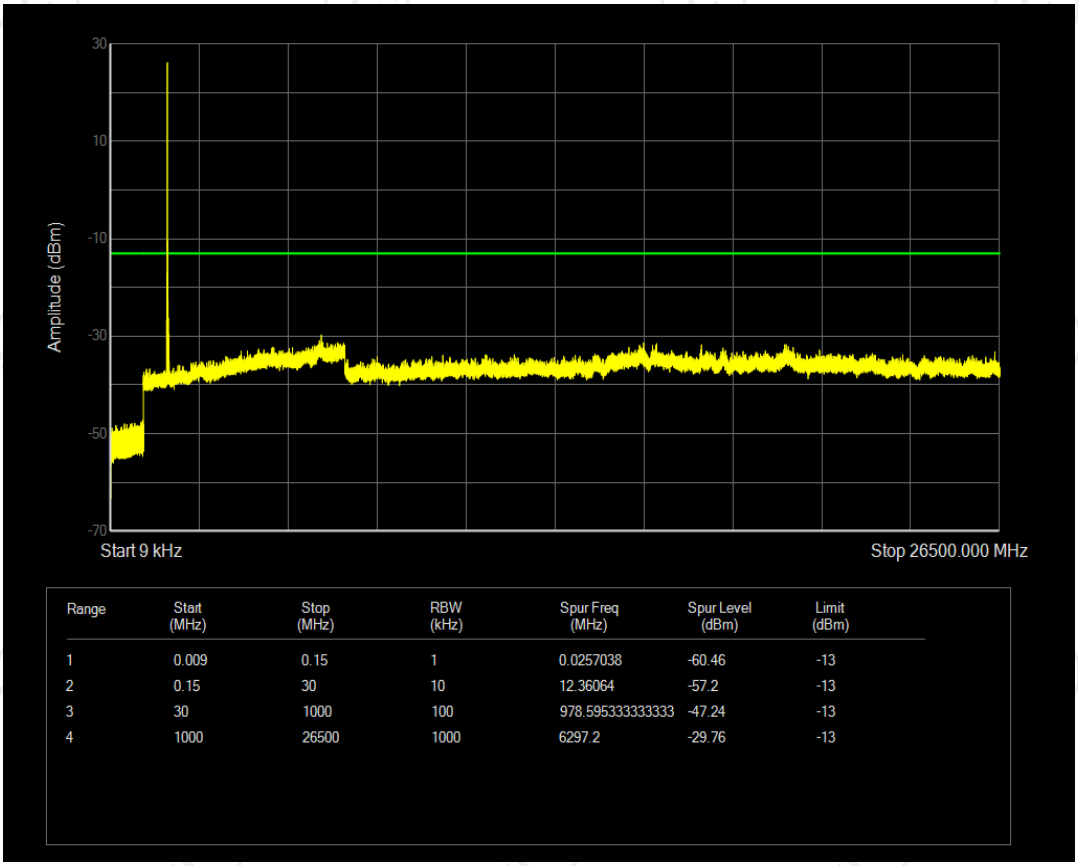
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0113735	-60.38	-13
2	0.15	30	10	0.15	-54.48	-13
3	30	1000	100	348.289333333333	-47.19	-13
4	1000	26500	1000	1795.6	-28.91	-13

Band4 16QAM BW=5MHz Channel=20375 RB Size=1 Position=#0



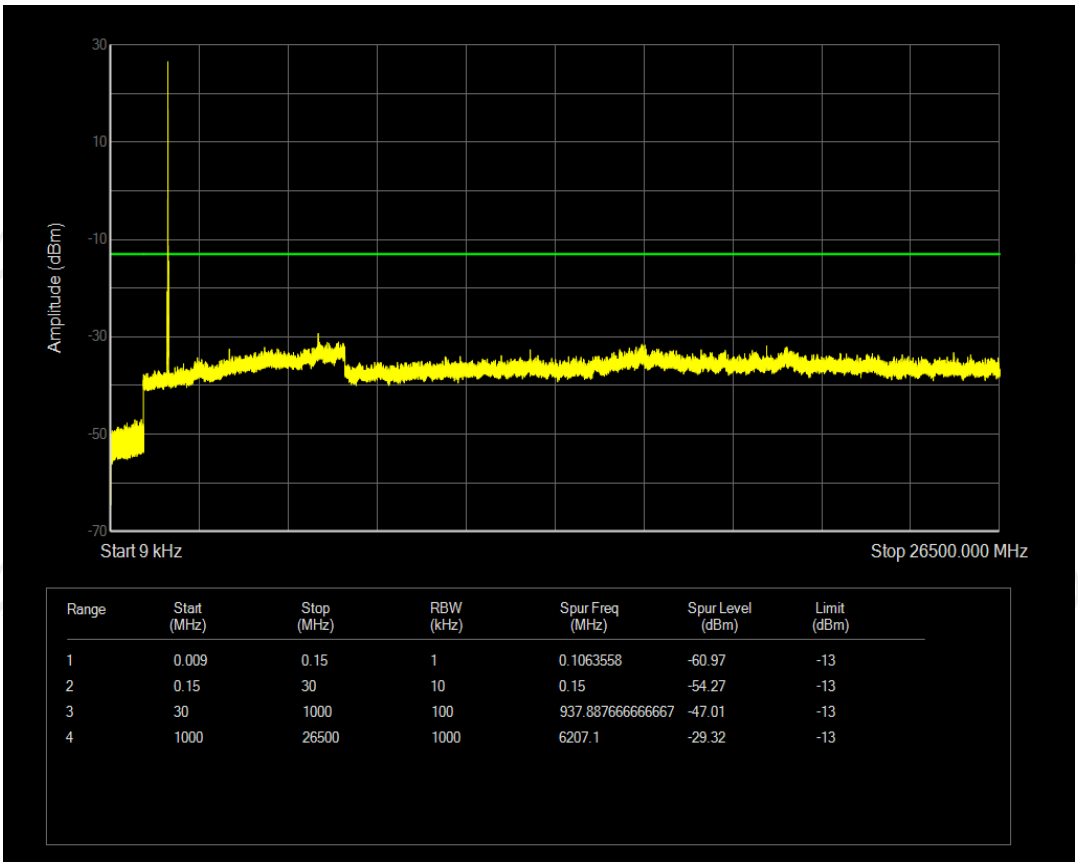
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104711	-59.61	-13
2	0.15	30	10	0.15	-54.7	-13
3	30	1000	100	912.894	-46.55	-13
4	1000	26500	1000	6249.6	-30.38	-13

Band4 QPSK BW=10MHz Channel=20000 RB Size=1 Position=#0



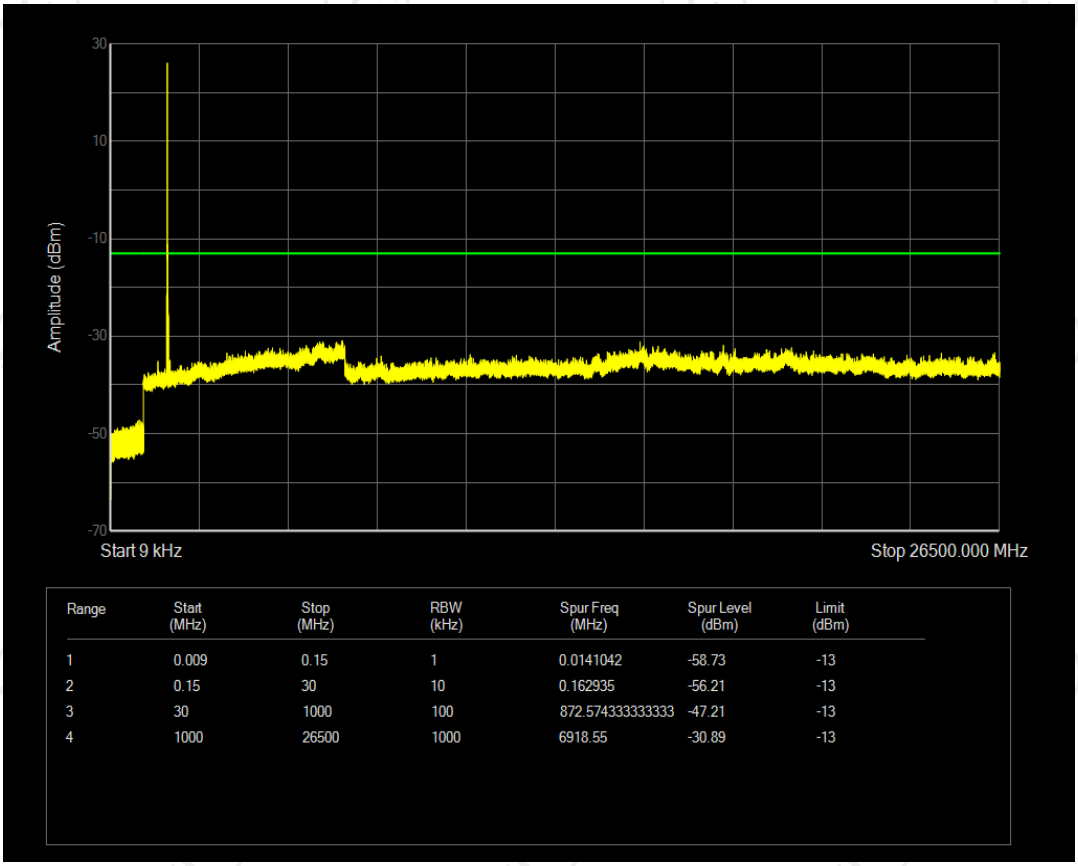
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0257038	-60.46	-13
2	0.15	30	10	12.36064	-57.2	-13
3	30	1000	100	978.595333333333	-47.24	-13
4	1000	26500	1000	6297.2	-29.76	-13

Band4 QPSK BW=10MHz Channel=20175 RB Size=1 Position=#0



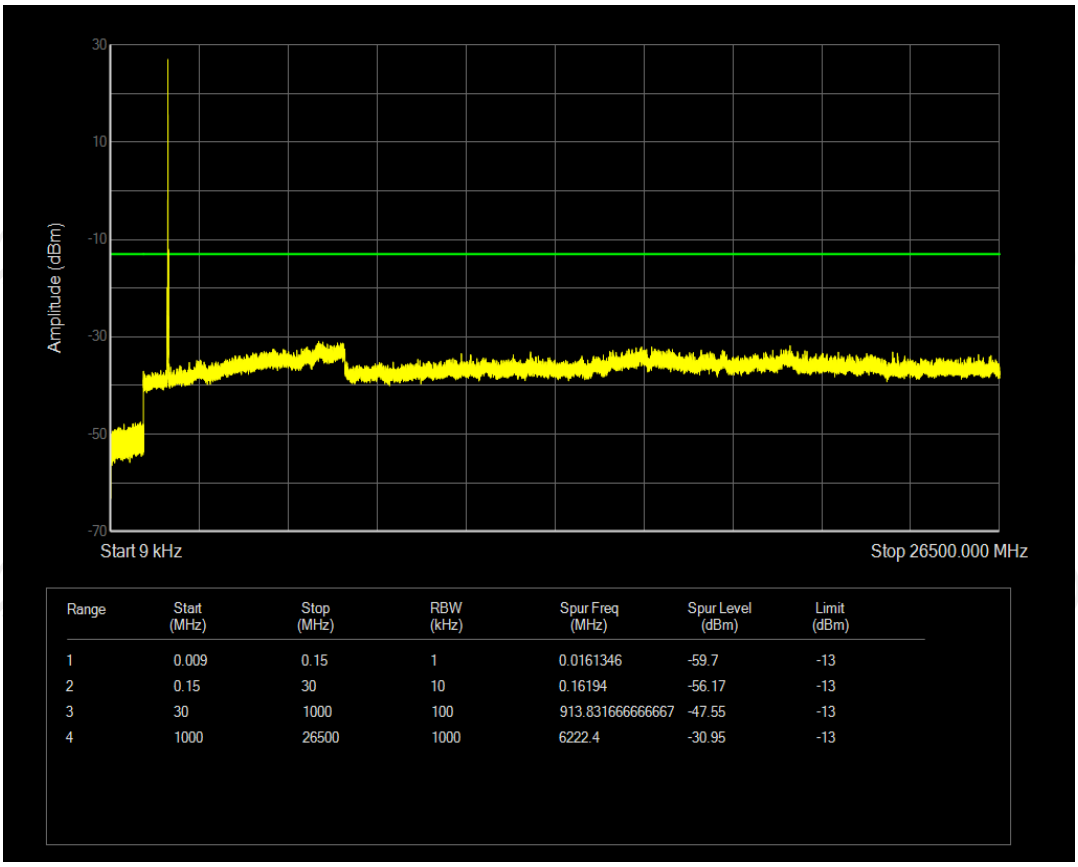
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.1063558	-60.97	-13
2	0.15	30	10	0.15	-54.27	-13
3	30	1000	100	937.887666666667	-47.01	-13
4	1000	26500	1000	6207.1	-29.32	-13

Band4 16QAM BW=10MHz Channel=20000 RB Size=1 Position=#0



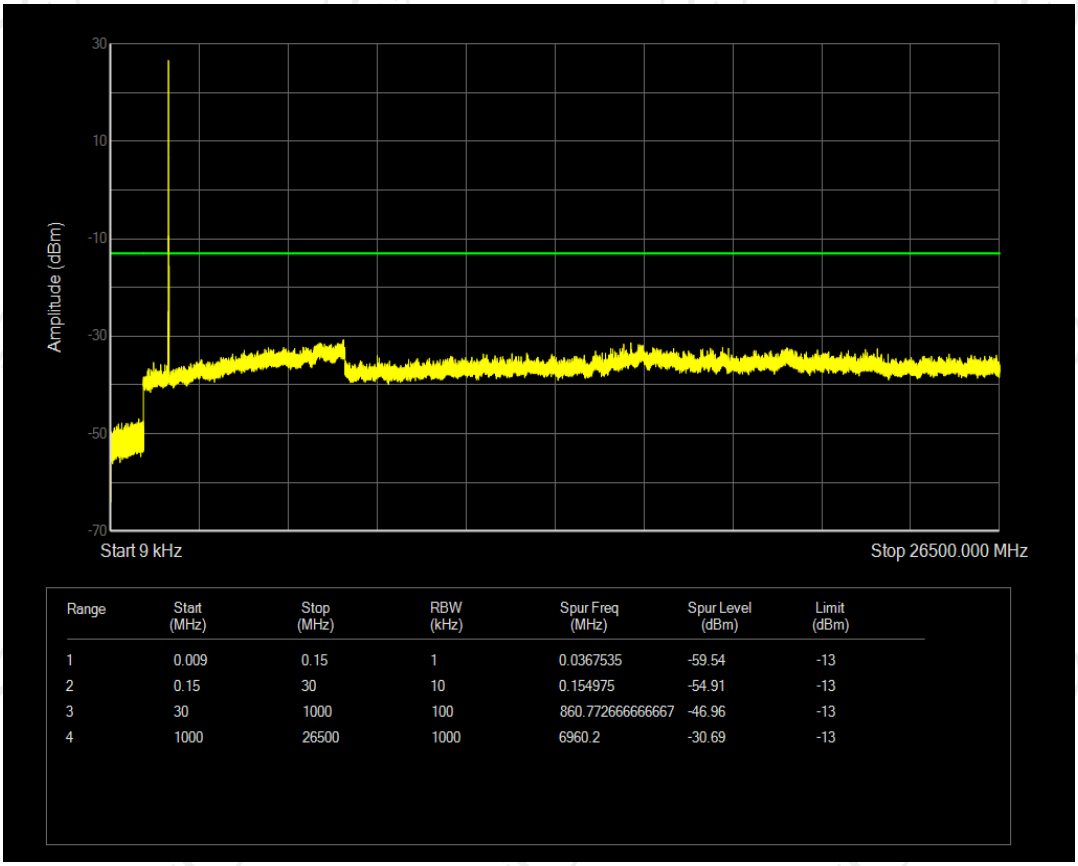
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0141042	-58.73	-13
2	0.15	30	10	0.162935	-56.21	-13
3	30	1000	100	872.574333333333	-47.21	-13
4	1000	26500	1000	6918.55	-30.89	-13

Band4 16QAM BW=10MHz Channel=20175 RB Size=1 Position=#0



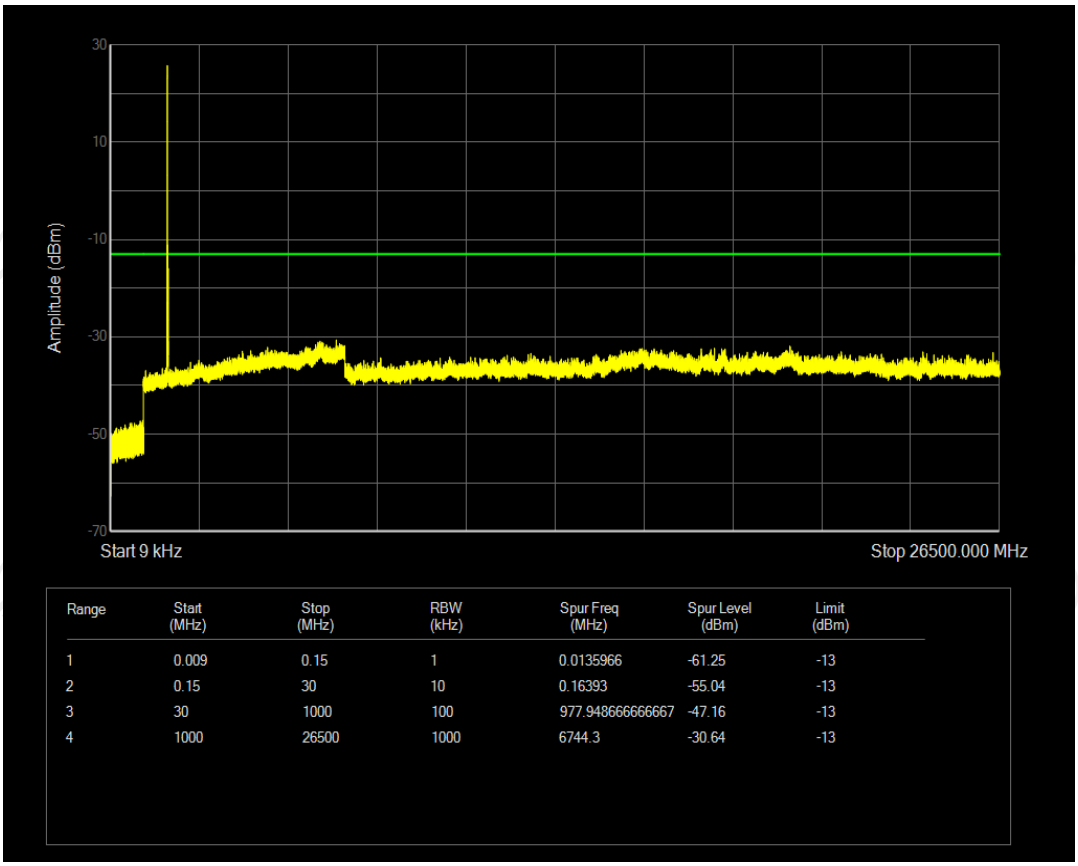
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0161346	-59.7	-13
2	0.15	30	10	0.16194	-56.17	-13
3	30	1000	100	913.831666666667	-47.55	-13
4	1000	26500	1000	6222.4	-30.95	-13

Band4 QPSK BW=10MHz Channel=20350 RB Size=1 Position=#0



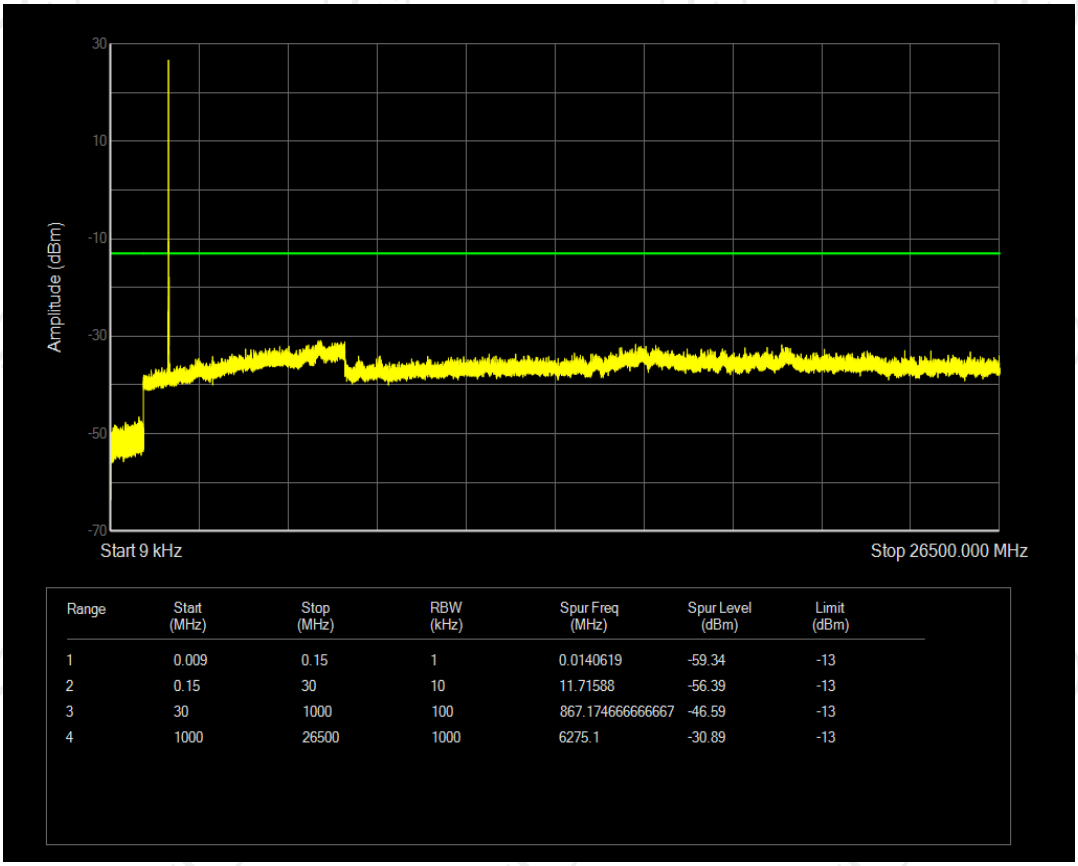
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0367535	-59.54	-13
2	0.15	30	10	0.154975	-54.91	-13
3	30	1000	100	860.772666666667	-46.96	-13
4	1000	26500	1000	6960.2	-30.69	-13

Band4 QPSK BW=15MHz Channel=20025 RB Size=1 Position=#0



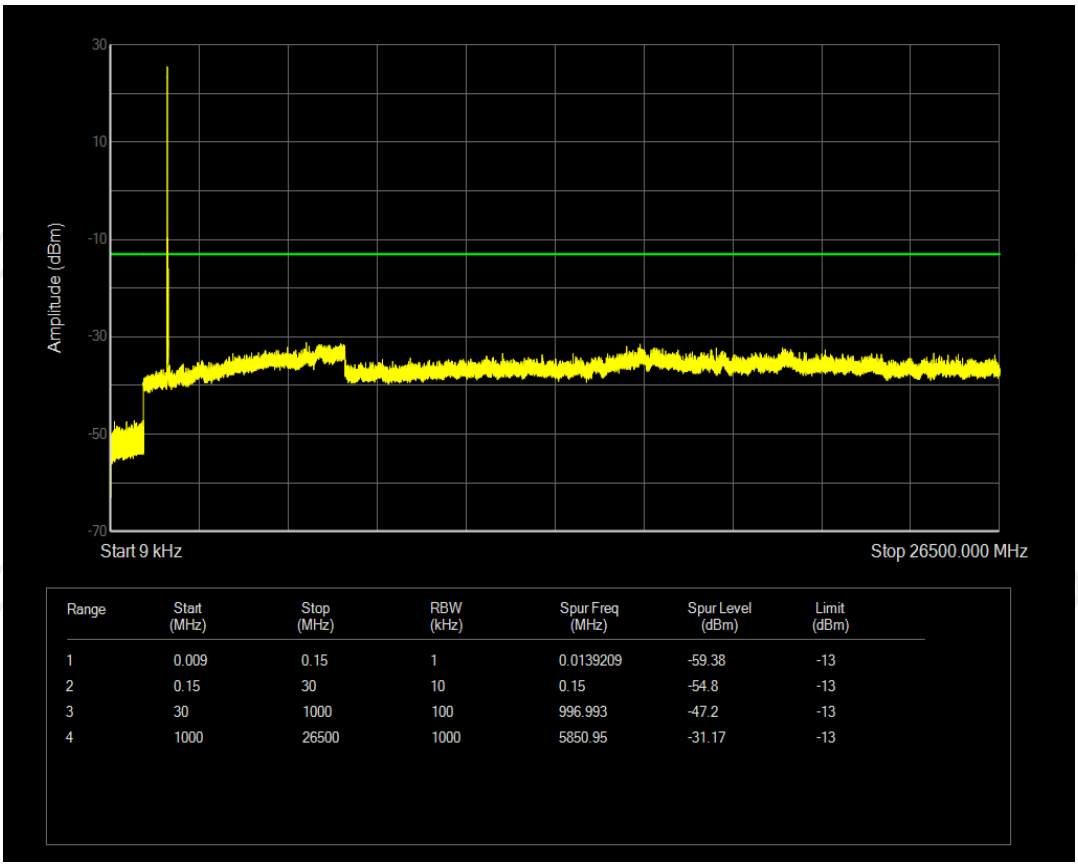
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0135966	-61.25	-13
2	0.15	30	10	0.16393	-55.04	-13
3	30	1000	100	977.948666666667	-47.16	-13
4	1000	26500	1000	6744.3	-30.64	-13

Band4 16QAM BW=10MHz Channel=20350 RB Size=1 Position=#0



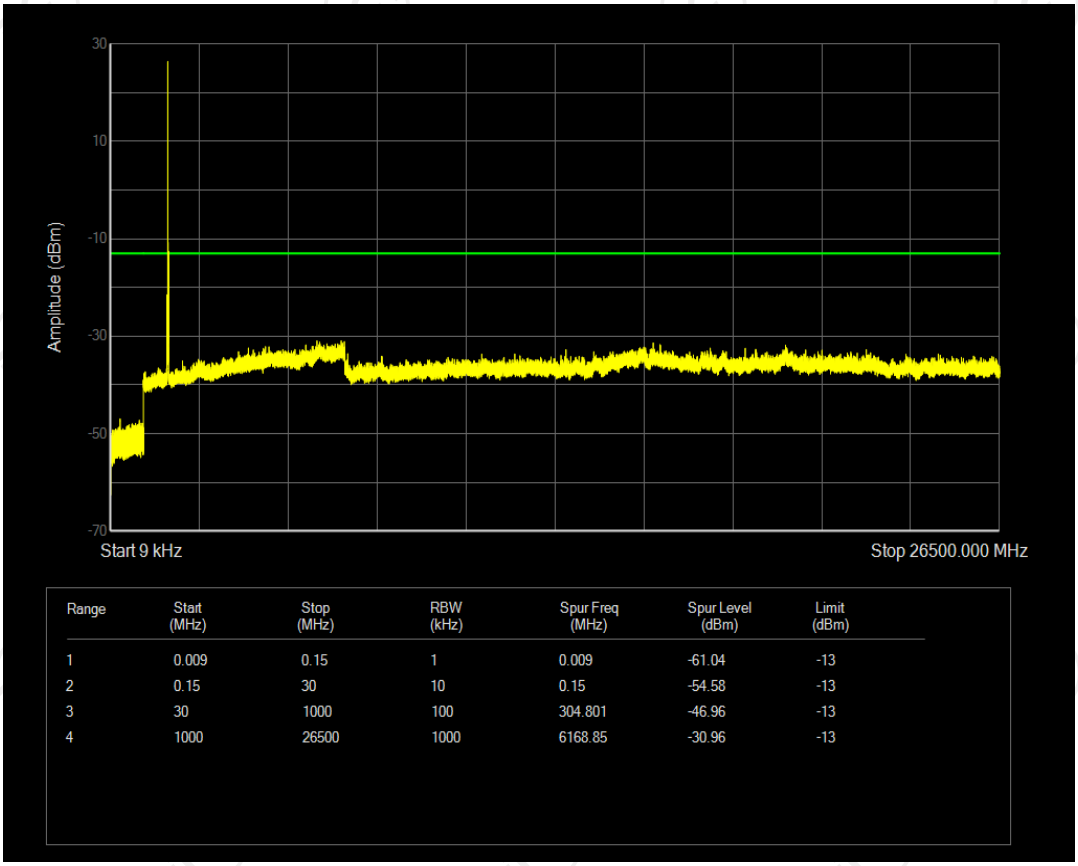
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0140619	-59.34	-13
2	0.15	30	10	11.71588	-56.39	-13
3	30	1000	100	867.174666666667	-46.59	-13
4	1000	26500	1000	6275.1	-30.89	-13

Band4 16QAM BW=15MHz Channel=20025 RB Size=1 Position=#0



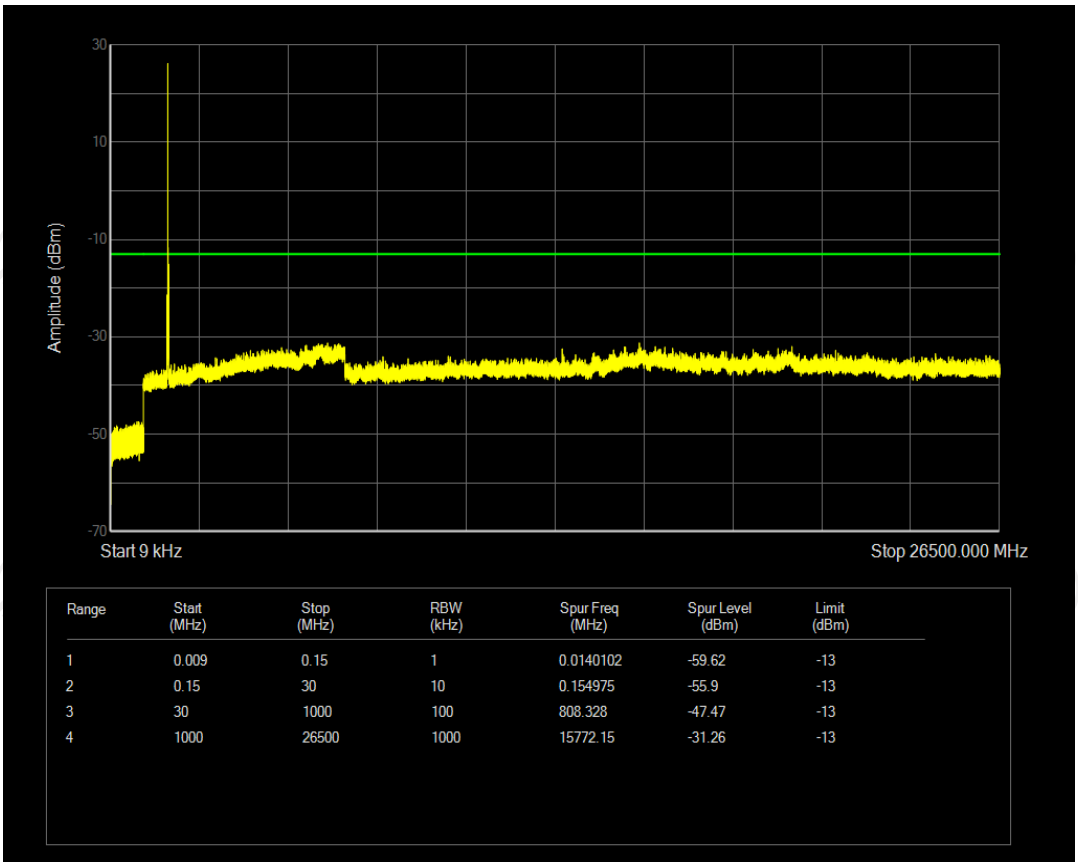
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0139209	-59.38	-13
2	0.15	30	10	0.15	-54.8	-13
3	30	1000	100	996.993	-47.2	-13
4	1000	26500	1000	5850.95	-31.17	-13

Band4 QPSK BW=15MHz Channel=20175 RB Size=1 Position=#0



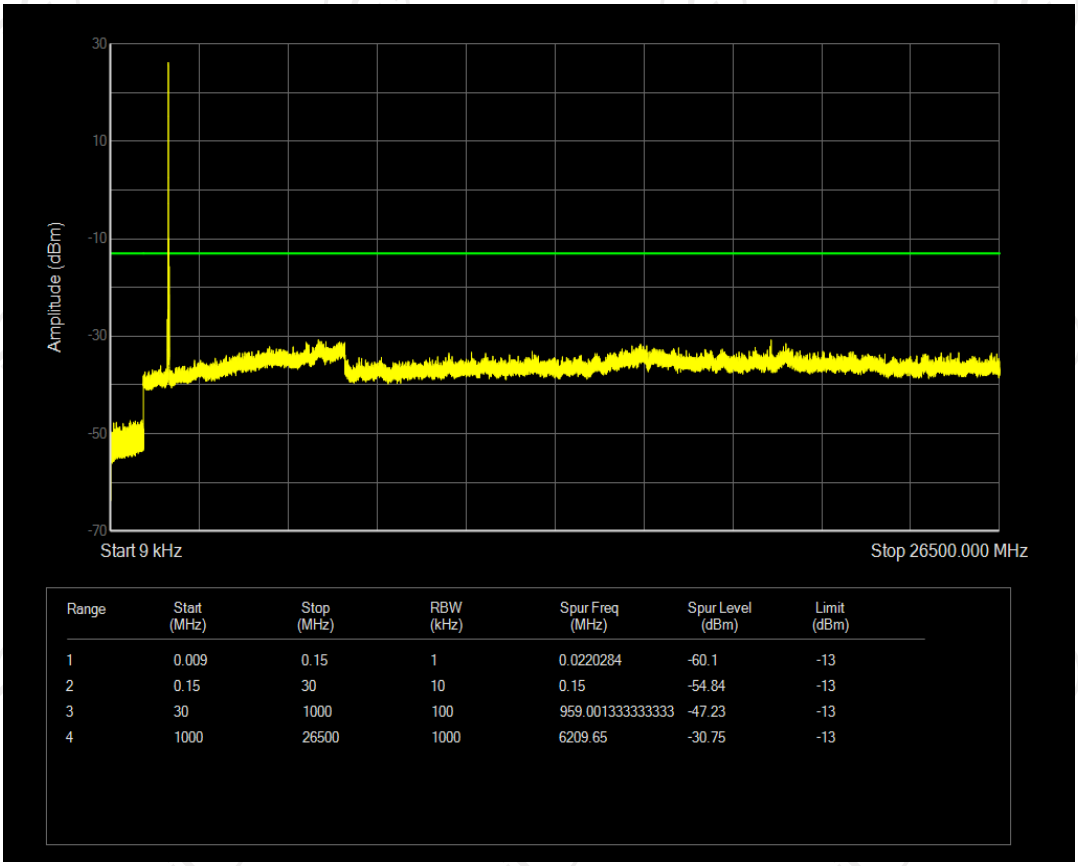
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.009	-61.04	-13
2	0.15	30	10	0.15	-54.58	-13
3	30	1000	100	304.801	-46.96	-13
4	1000	26500	1000	6168.85	-30.96	-13

Band4 16QAM BW=15MHz Channel=20175 RB Size=1 Position=#0



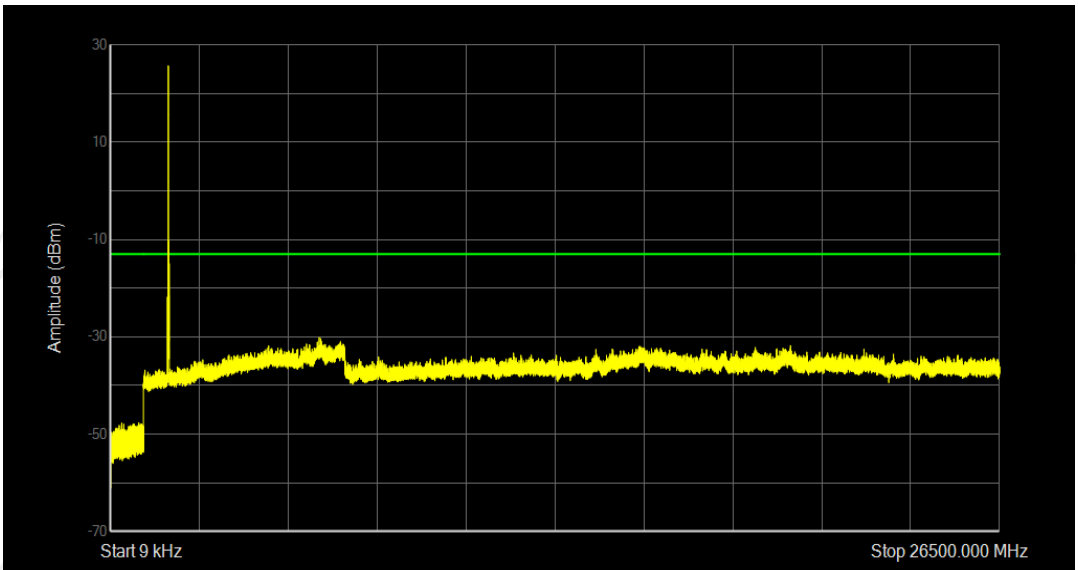
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0140102	-59.62	-13
2	0.15	30	10	0.154975	-55.9	-13
3	30	1000	100	808.328	-47.47	-13
4	1000	26500	1000	15772.15	-31.26	-13

Band4 QPSK BW=15MHz Channel=20325 RB Size=1 Position=#0



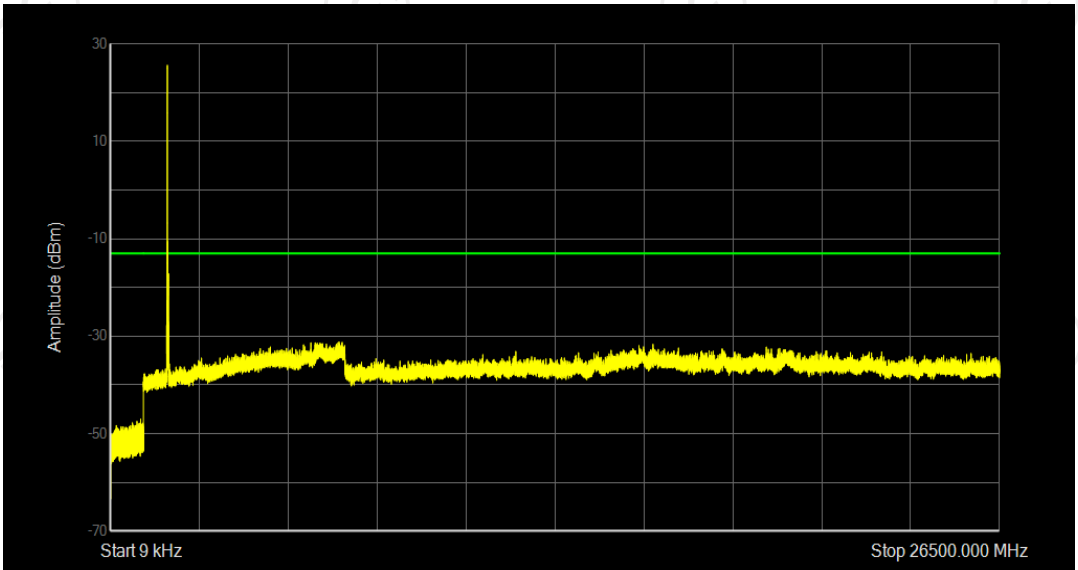
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0220284	-60.1	-13
2	0.15	30	10	0.15	-54.84	-13
3	30	1000	100	959.001333333333	-47.23	-13
4	1000	26500	1000	6209.65	-30.75	-13

Band4 16QAM BW=15MHz Channel=20325 RB Size=1 Position=#0



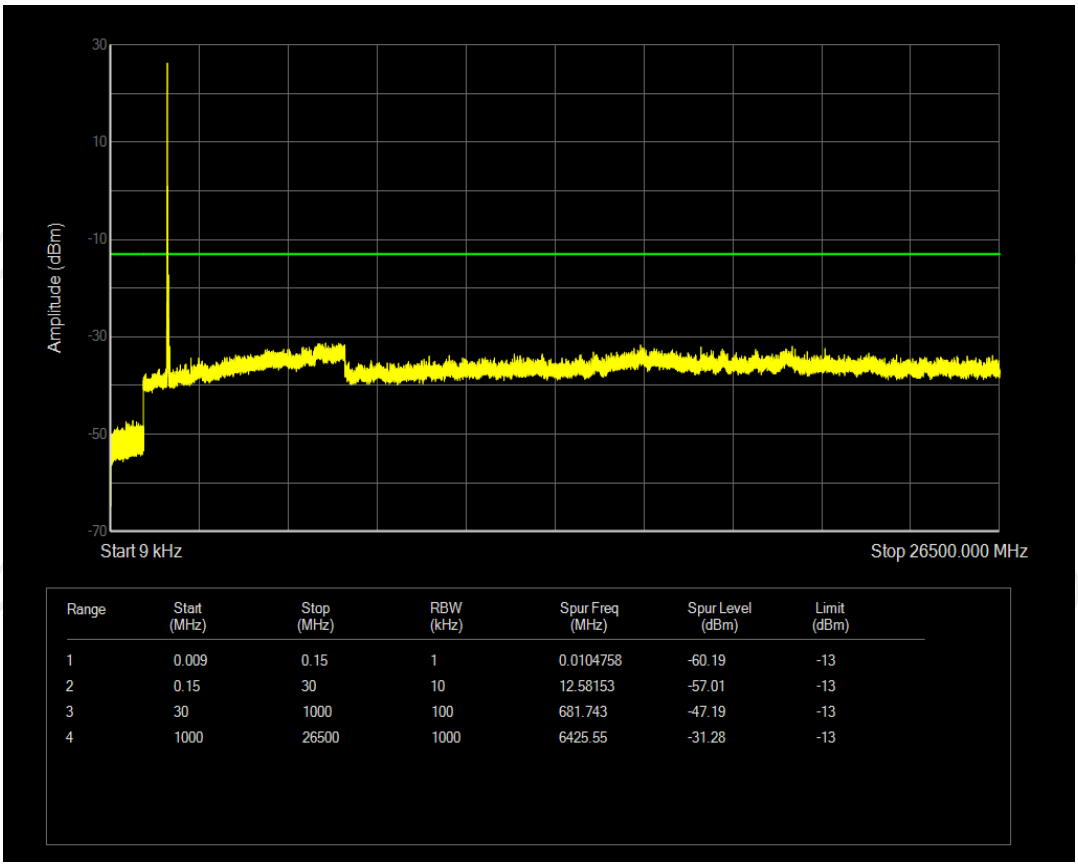
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0109787	-60	-13
2	0.15	30	10	0.16393	-55.8	-13
3	30	1000	100	862.098333333333	-47.69	-13
4	1000	26500	1000	6231.75	-30.17	-13

Band4 QPSK BW=20MHz Channel=20050 RB Size=1 Position=#0



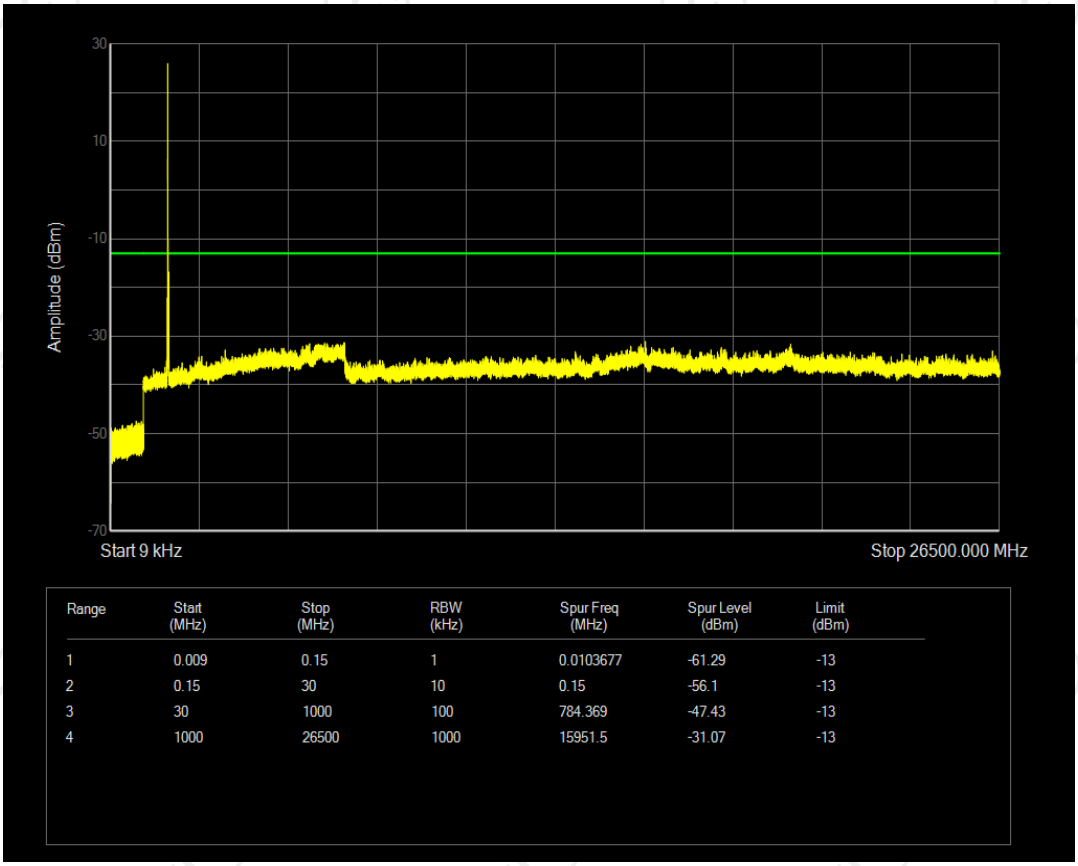
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.023194	-60.7	-13
2	0.15	30	10	0.15597	-56.33	-13
3	30	1000	100	915.739333333333	-47.01	-13
4	1000	26500	1000	6825.05	-31.17	-13

Band4 16QAM BW=20MHz Channel=20050 RB Size=1 Position=#0



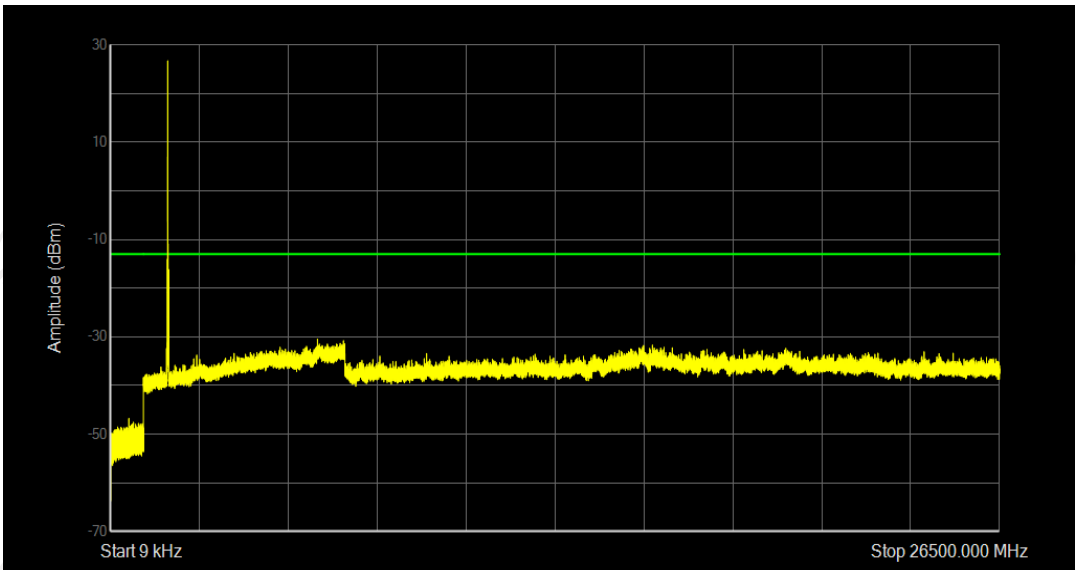
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0104758	-60.19	-13
2	0.15	30	10	12.58153	-57.01	-13
3	30	1000	100	681.743	-47.19	-13
4	1000	26500	1000	6425.55	-31.28	-13

Band4 QPSK BW=20MHz Channel=20175 RB Size=1 Position=#0



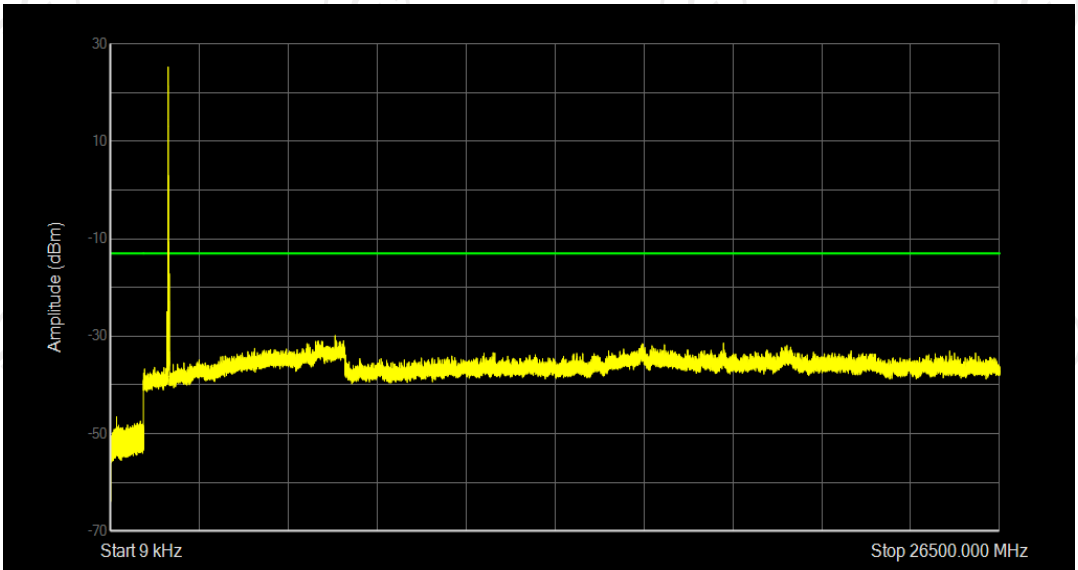
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0103677	-61.29	-13
2	0.15	30	10	0.15	-56.1	-13
3	30	1000	100	784.369	-47.43	-13
4	1000	26500	1000	15951.5	-31.07	-13

Band4 16QAM BW=20MHz Channel=20175 RB Size=1 Position=#0



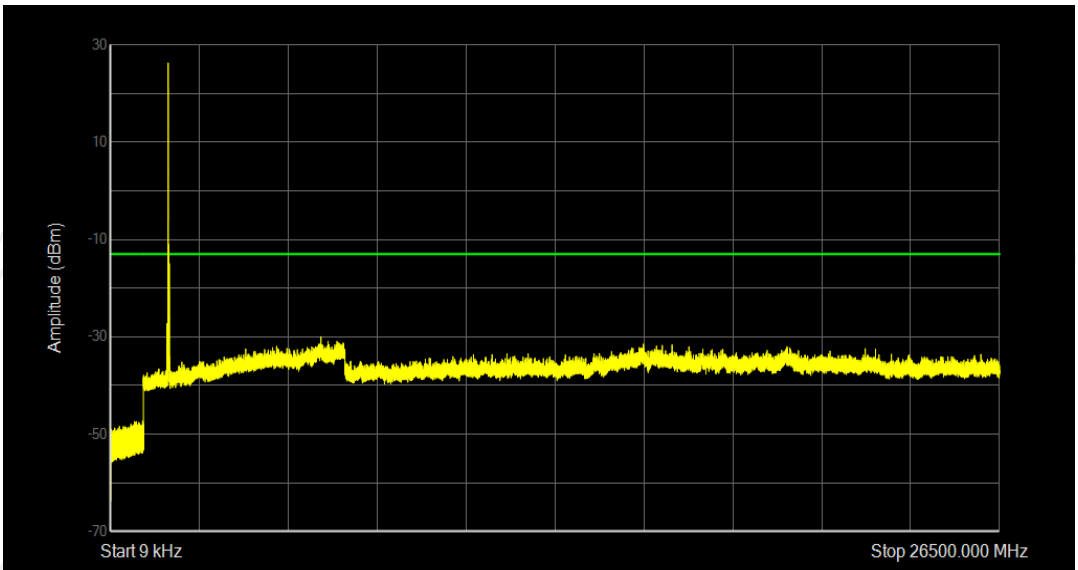
Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0139538	-59.3	-13
2	0.15	30	10	0.158955	-55.32	-13
3	30	1000	100	567.089	-46.78	-13
4	1000	26500	1000	6184.15	-30.46	-13

Band4 16QAM BW=20MHz Channel=20300 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0118952	-60.36	-13
2	0.15	30	10	0.15	-55.94	-13
3	30	1000	100	200.299666666667	-46.55	-13
4	1000	26500	1000	6710.3	-29.87	-13

Band4 QPSK BW=20MHz Channel=20300 RB Size=1 Position=#0



Range	Start (MHz)	Stop (MHz)	RBW (kHz)	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)
1	0.009	0.15	1	0.0123464	-60.55	-13
2	0.15	30	10	0.150995	-55.87	-13
3	30	1000	100	976.008666666667	-47.3	-13
4	1000	26500	1000	6286.15	-29.98	-13