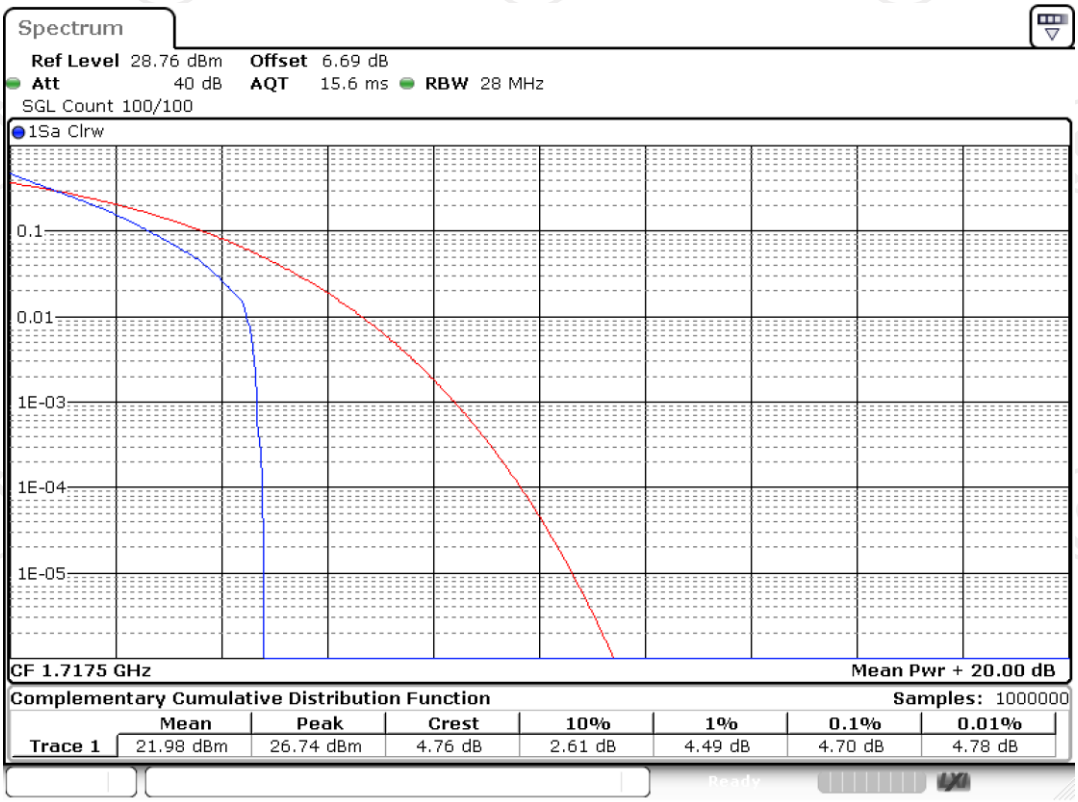
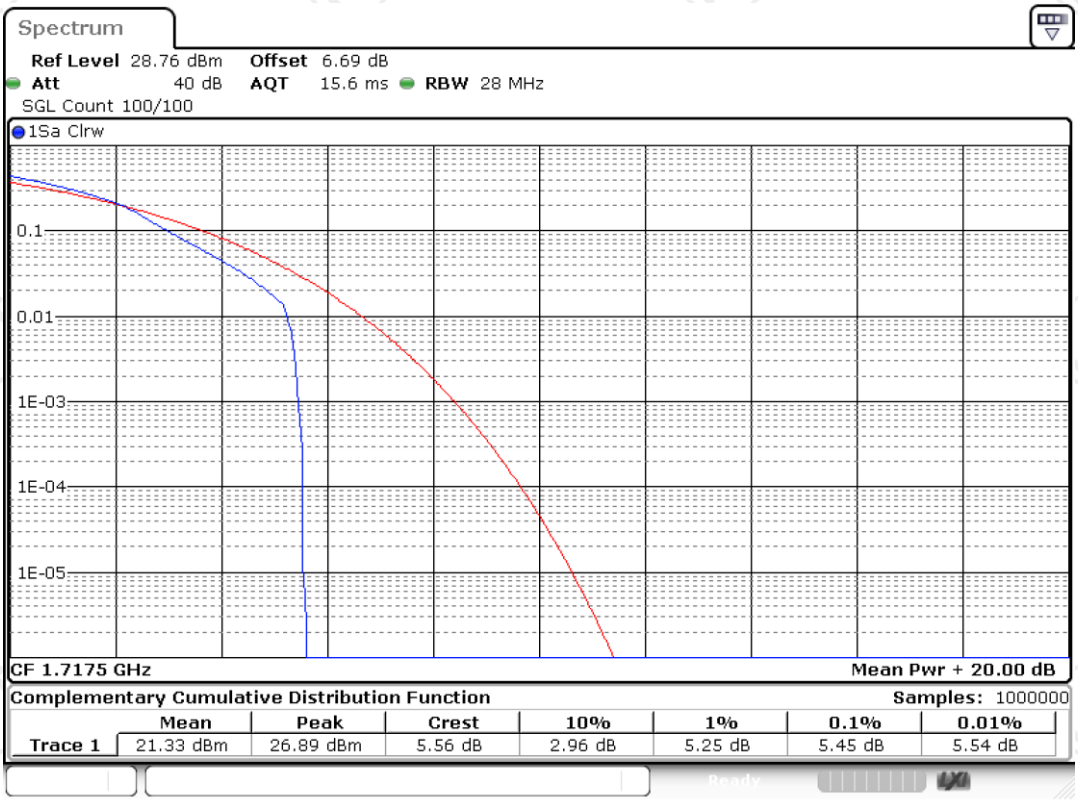
Band66 QPSK BW=15MHz Channel=132047 RB Size=1 Position=#0



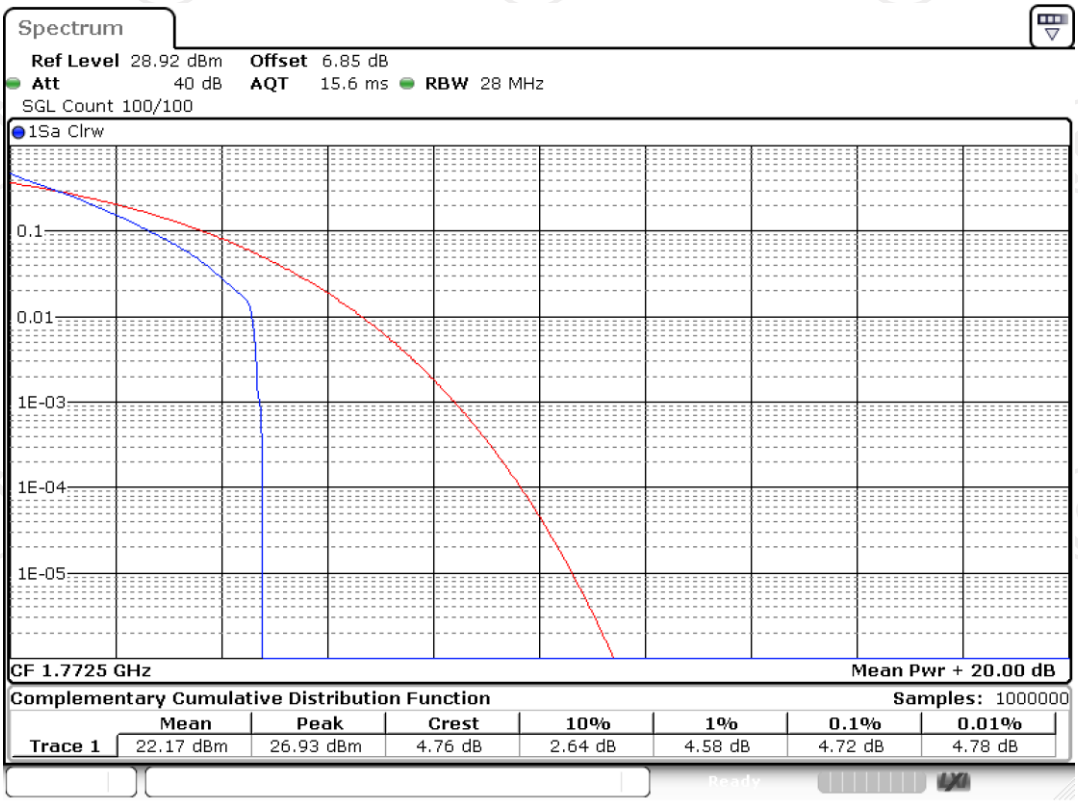
Date: 9.JUN.2023 16:45:15

Band66 16QAM BW=15MHz Channel=132047 RB Size=1 Position=#0



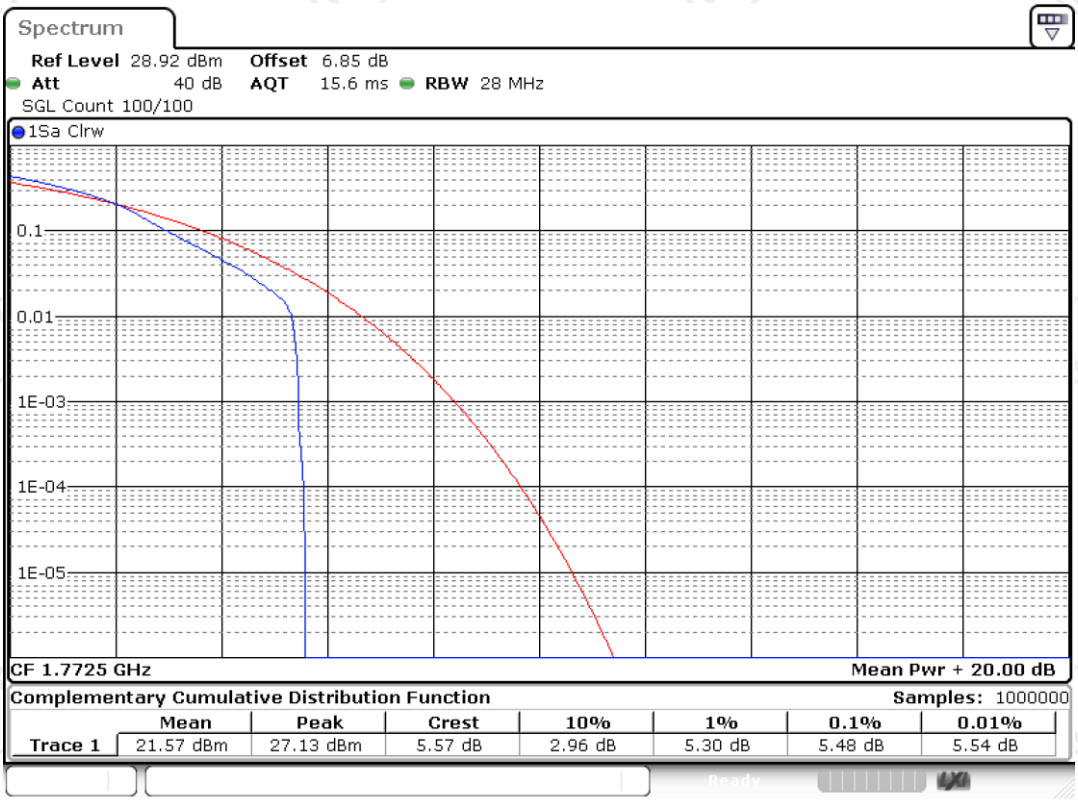
Date: 9.JUN.2023 16:45:22

Band66 QPSK BW=15MHz Channel=132597 RB Size=1 Position=#0



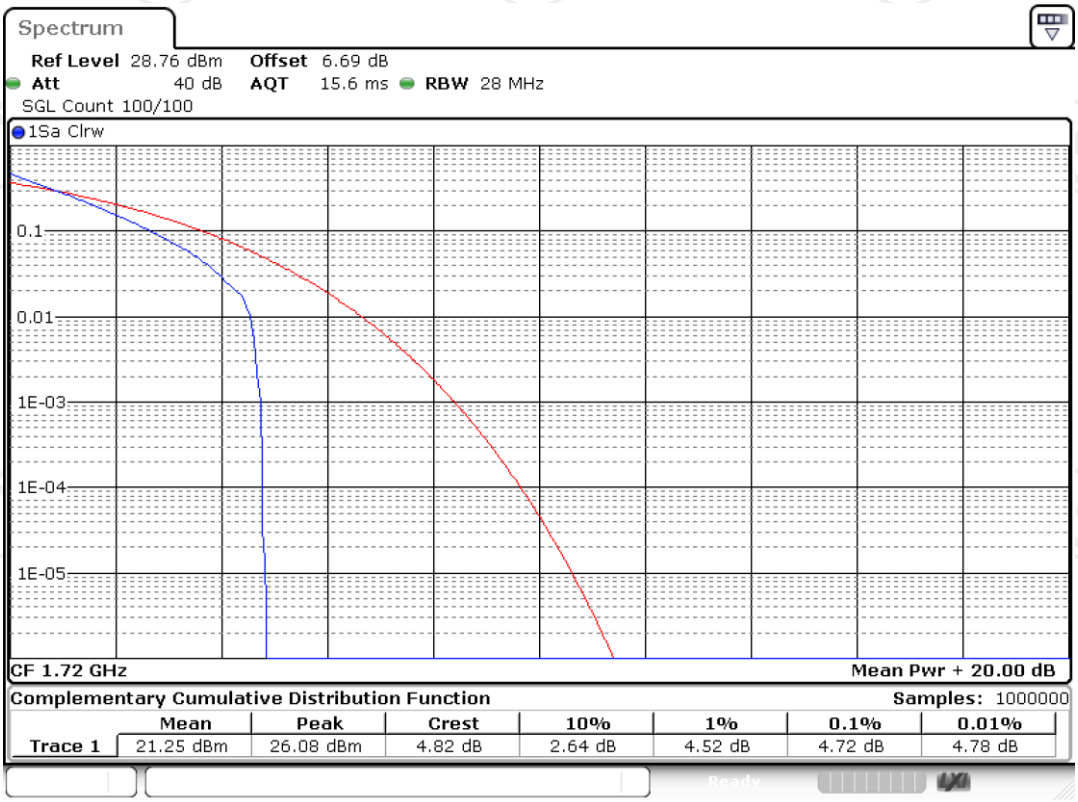
Date: 9.JUN.2023 16:45:43

Band66 16QAM BW=15MHz Channel=132597 RB Size=1 Position=#0



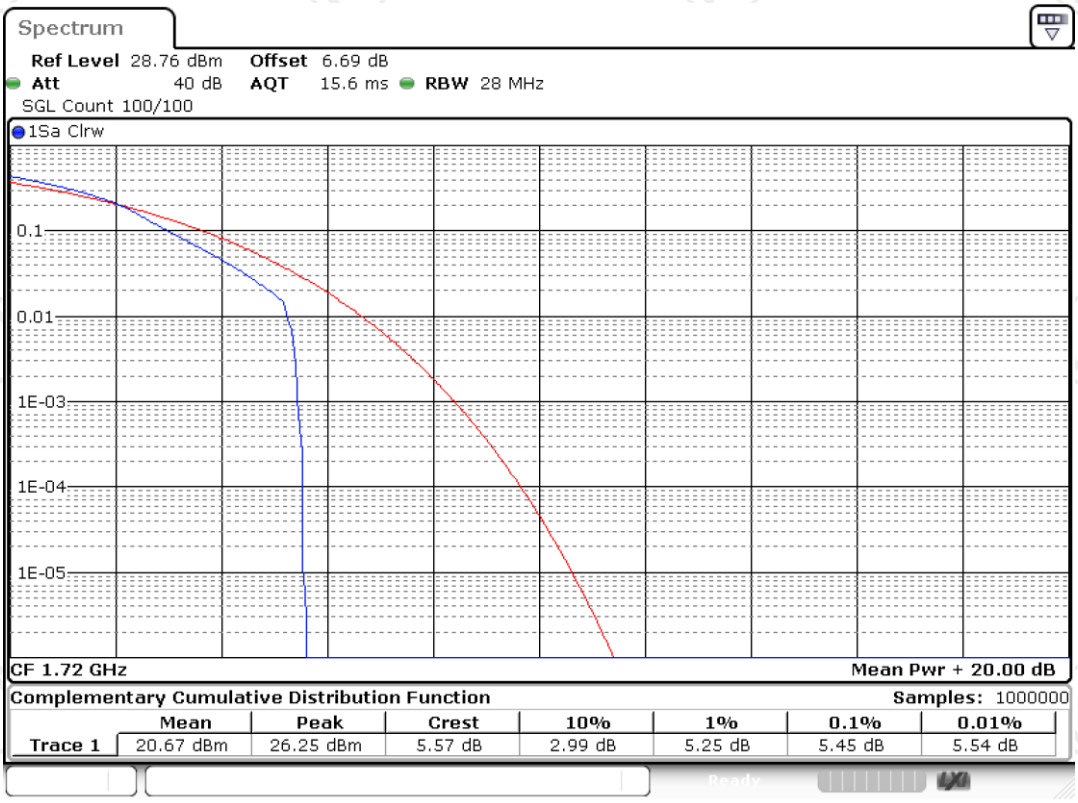
Date: 9.JUN.2023 16:45:50

Band66 QPSK BW=20MHz Channel=132072 RB Size=1 Position=#0



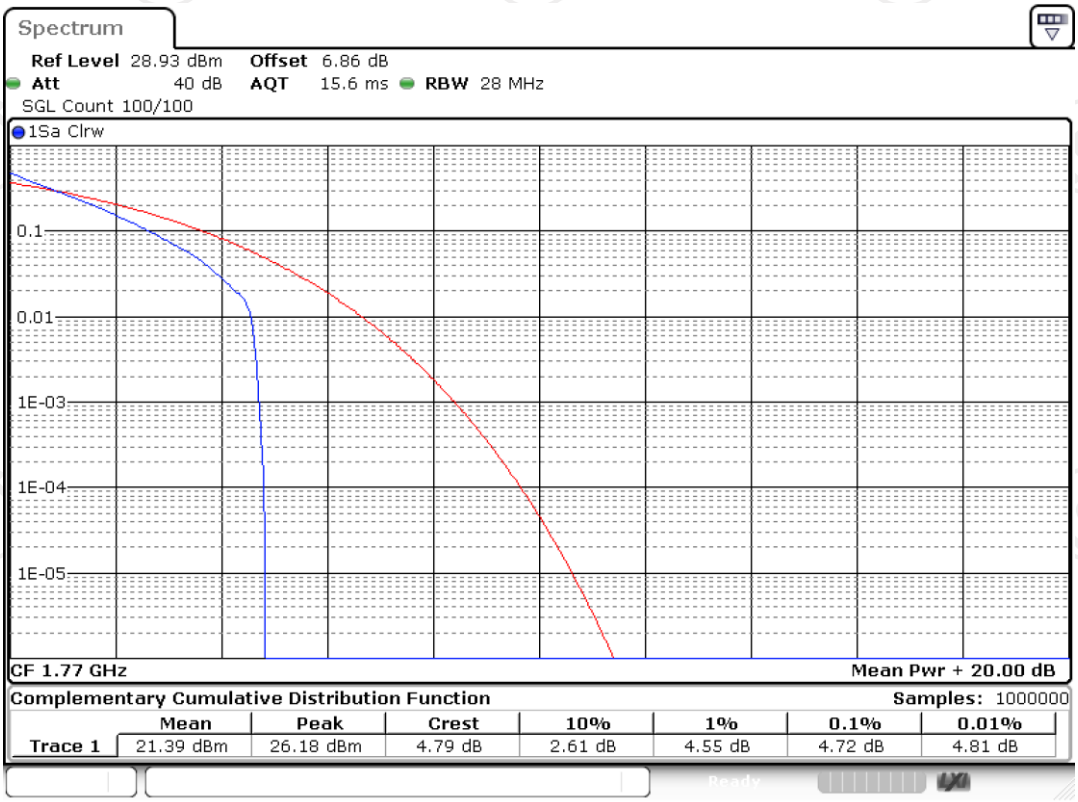
Date: 9.JUN.2023 16:45:58

Band66 16QAM BW=20MHz Channel=132072 RB Size=1 Position=#0



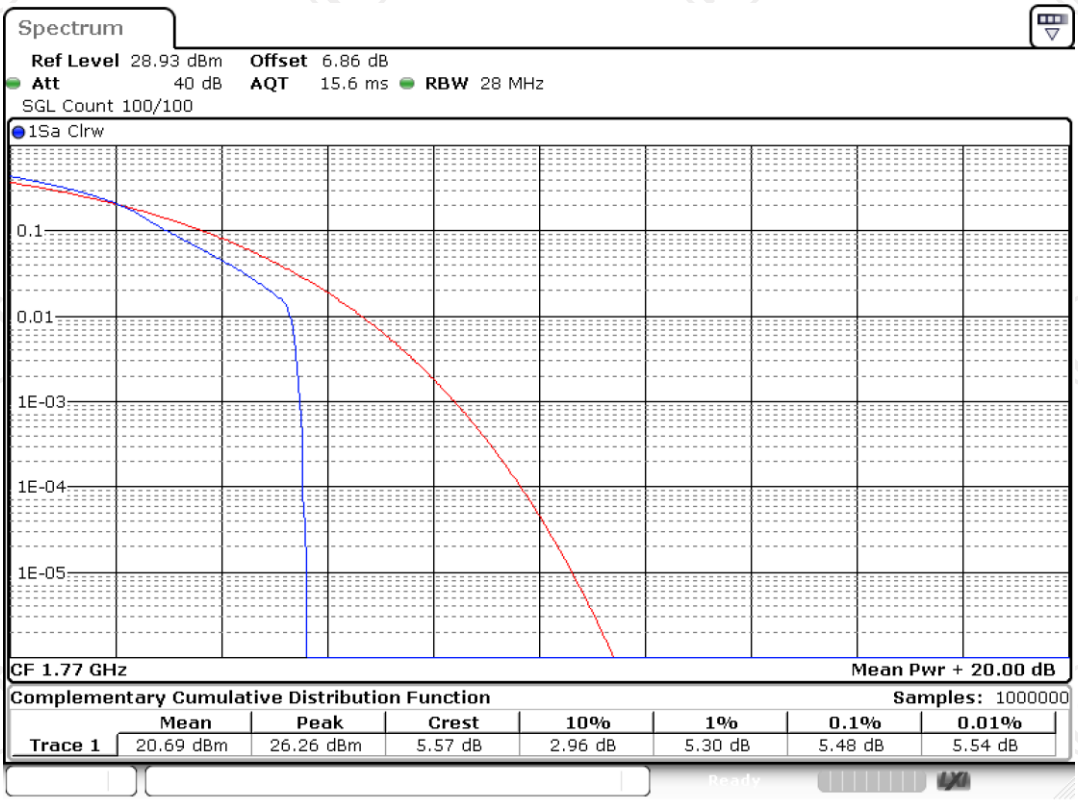
Date: 9.JUN.2023 16:46:04

Band66 QPSK BW=20MHz Channel=132572 RB Size=1 Position=#0



Date: 9.JUN.2023 16:46:25

Band66 16QAM BW=20MHz Channel=132572 RB Size=1 Position=#0

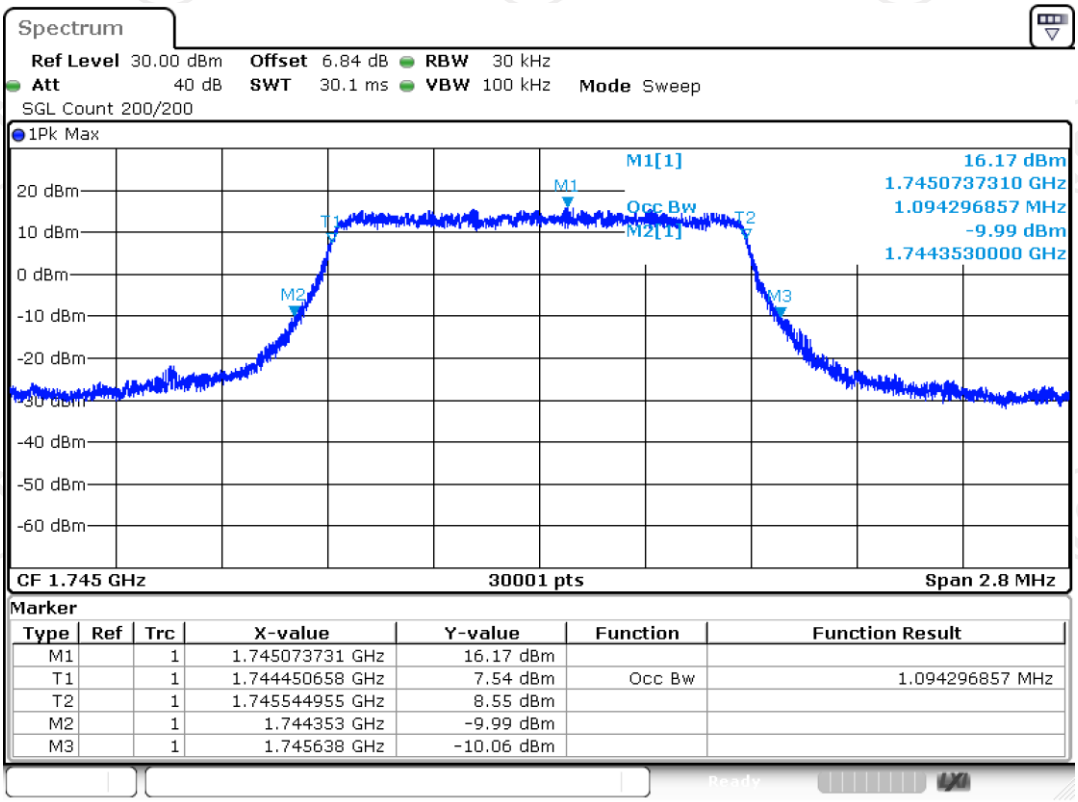


Date: 9.JUN.2023 16:46:32

4 Occupied bandwidth

Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	99% OBW (MHz)	-26dB EBW (MHz)	Verdict
Band66	1.4	131979	6	#0	QPSK	1.094	1.282	PASS
Band66	1.4	131979	6	#0	16QAM	1.095	1.311	PASS
Band66	1.4	132322	6	#0	QPSK	1.094	1.285	PASS
Band66	1.4	132322	6	#0	16QAM	1.094	1.290	PASS
Band66	1.4	132665	6	#0	QPSK	1.093	1.285	PASS
Band66	1.4	132665	6	#0	16QAM	1.095	1.291	PASS
Band66	3	131987	15	#0	QPSK	2.720	3.023	PASS
Band66	3	131987	15	#0	16QAM	2.725	3.050	PASS
Band66	3	132322	15	#0	QPSK	2.720	3.030	PASS
Band66	3	132322	15	#0	16QAM	2.725	3.052	PASS
Band66	3	132657	15	#0	QPSK	2.723	3.042	PASS
Band66	3	132657	15	#0	16QAM	2.726	3.056	PASS
Band66	5	131997	25	#0	QPSK	4.492	5.003	PASS
Band66	5	131997	25	#0	16QAM	4.494	5.029	PASS
Band66	5	132322	25	#0	QPSK	4.492	5.031	PASS
Band66	5	132322	25	#0	16QAM	4.488	5.017	PASS
Band66	5	132647	25	#0	QPSK	4.490	5.039	PASS
Band66	5	132647	25	#0	16QAM	4.490	4.998	PASS
Band66	10	132022	50	#0	QPSK	8.960	9.893	PASS
Band66	10	132022	50	#0	16QAM	8.944	9.806	PASS
Band66	10	132322	50	#0	QPSK	8.959	9.857	PASS
Band66	10	132322	50	#0	16QAM	8.946	9.835	PASS
Band66	10	132622	50	#0	QPSK	8.965	9.865	PASS
Band66	10	132622	50	#0	16QAM	8.945	9.859	PASS
Band66	15	132047	75	#0	QPSK	13.424	14.658	PASS
Band66	15	132047	75	#0	16QAM	13.429	14.745	PASS
Band66	15	132322	75	#0	QPSK	13.431	14.634	PASS
Band66	15	132322	75	#0	16QAM	13.435	14.775	PASS
Band66	15	132597	75	#0	QPSK	13.430	14.717	PASS
Band66	15	132597	75	#0	16QAM	13.439	14.717	PASS
Band66	20	132072	100	#0	QPSK	17.919	19.605	PASS
Band66	20	132072	100	#0	16QAM	17.946	19.635	PASS
Band66	20	132322	100	#0	QPSK	17.931	19.616	PASS
Band66	20	132322	100	#0	16QAM	17.942	19.663	PASS
Band66	20	132572	100	#0	QPSK	17.942	19.649	PASS
Band66	20	132572	100	#0	16QAM	17.961	19.691	PASS

Band66 QPSK BW=1.4MHz Channel=132322 RB Size=6 Position=#0

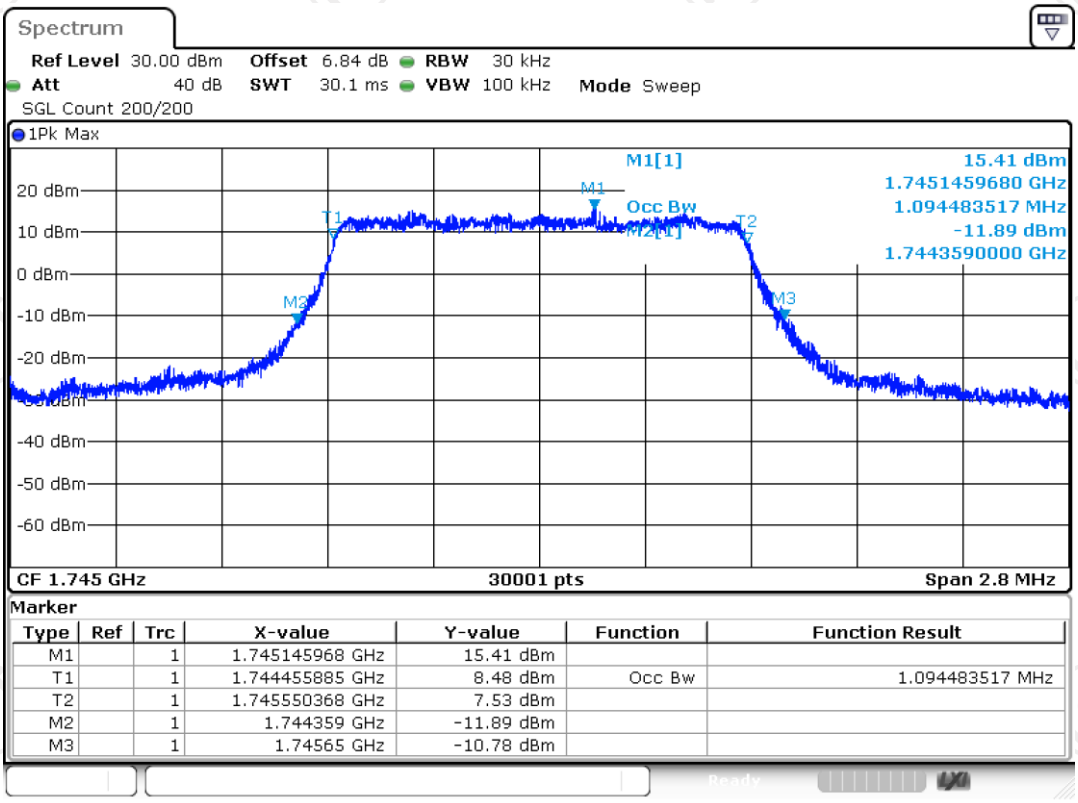


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.745073731 GHz	16.17 dBm		
T1		1	1.744450658 GHz	7.54 dBm	Occ Bw	1.094296857 MHz
T2		1	1.745544955 GHz	8.55 dBm		
M2		1	1.744353 GHz	-9.99 dBm		
M3		1	1.745638 GHz	-10.06 dBm		

Date: 9.JUN.2023 16:47:52

Band66 16QAM BW=1.4MHz Channel=132322 RB Size=6 Position=#0

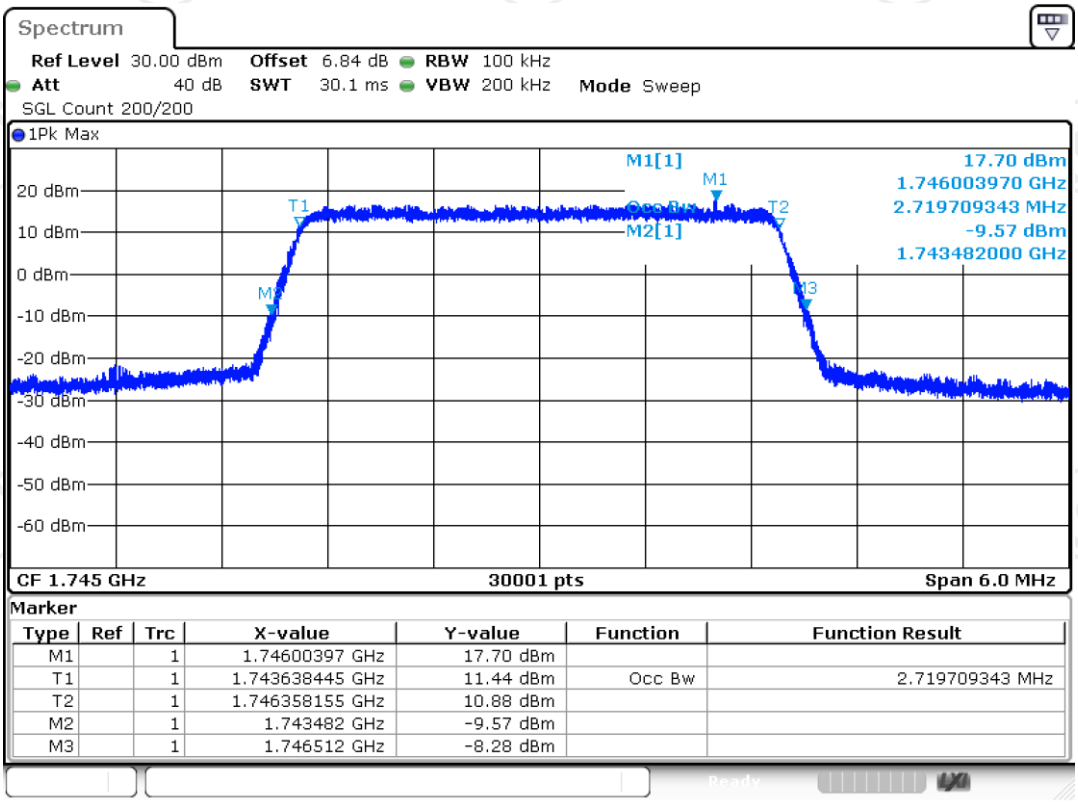


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.745145968 GHz	15.41 dBm		
T1		1	1.744455885 GHz	8.48 dBm	Occ Bw	1.094483517 MHz
T2		1	1.745550368 GHz	7.53 dBm		
M2		1	1.744359 GHz	-11.89 dBm		
M3		1	1.74565 GHz	-10.78 dBm		

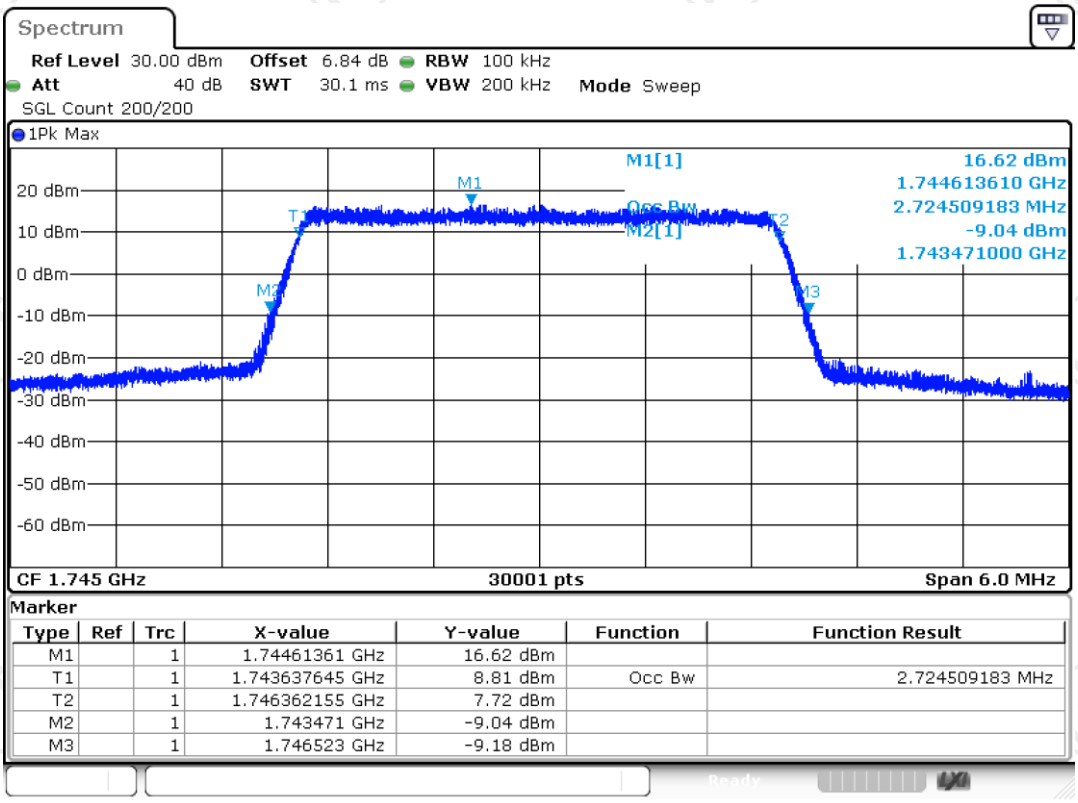
Date: 9.JUN.2023 16:48:09

Band66 QPSK BW=3MHz Channel=132322 RB Size=15 Position=#0



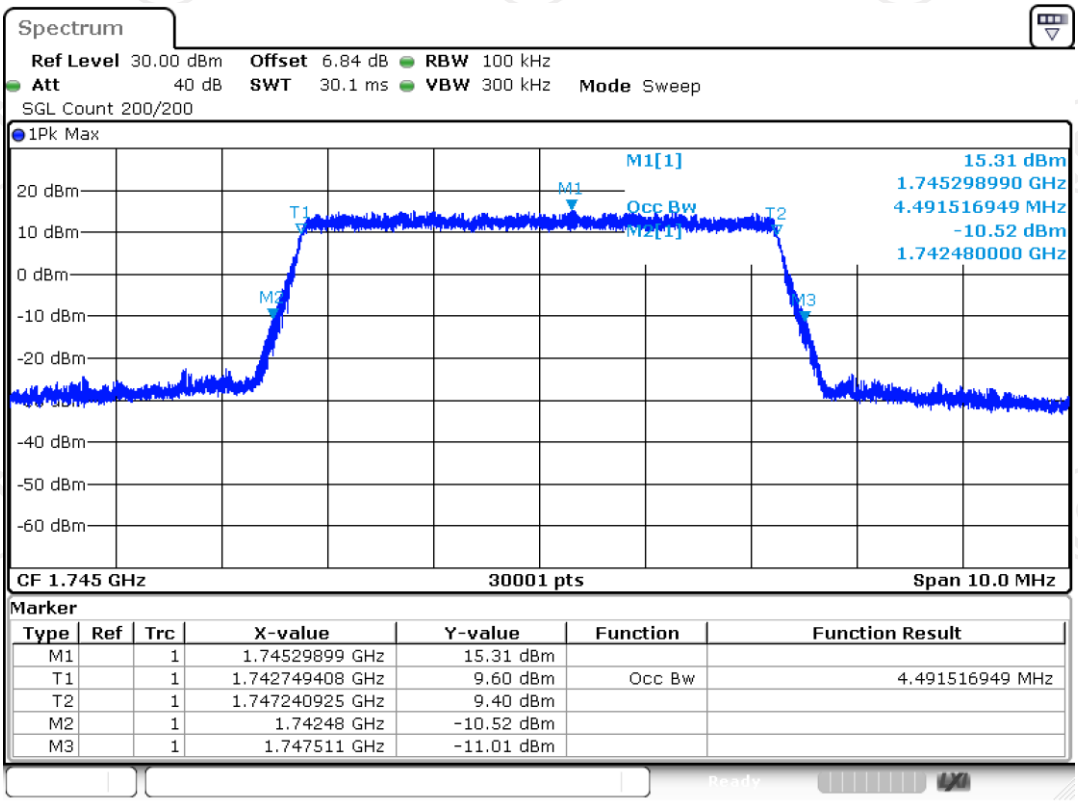
Date: 9.JUN.2023 16:49:38

Band66 16QAM BW=3MHz Channel=132322 RB Size=15 Position=#0



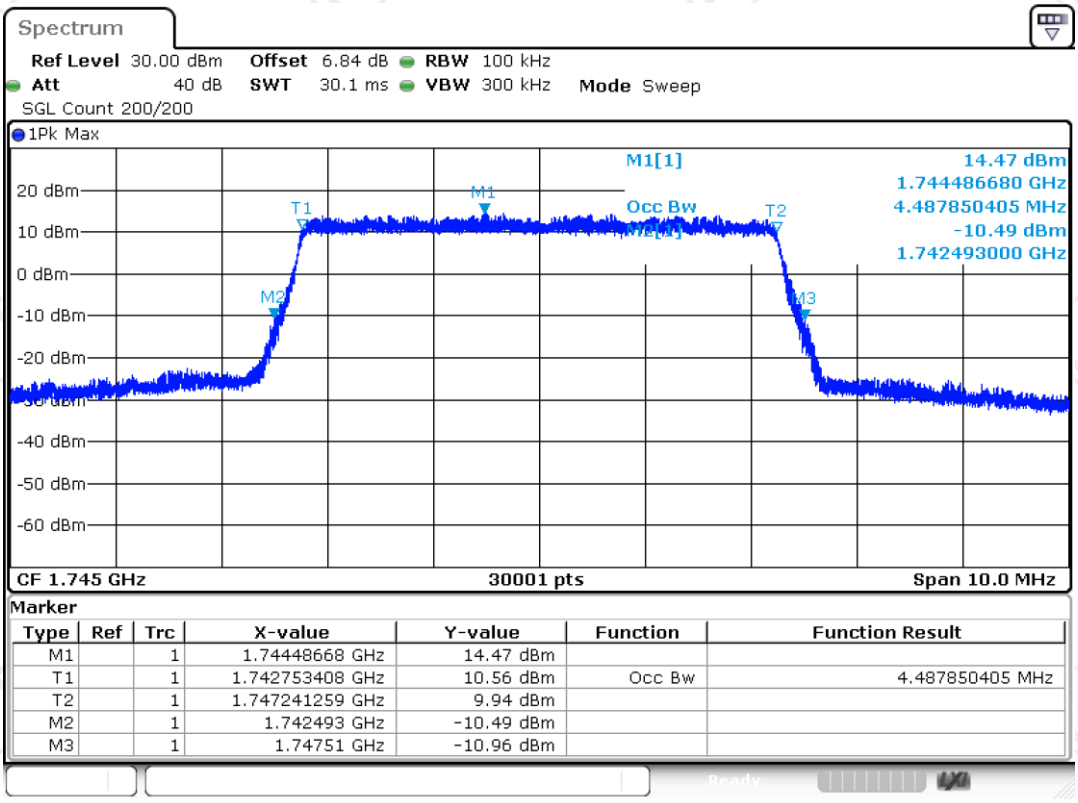
Date: 9.JUN.2023 16:49:55

Band66 QPSK BW=5MHz Channel=132322 RB Size=25 Position=#0



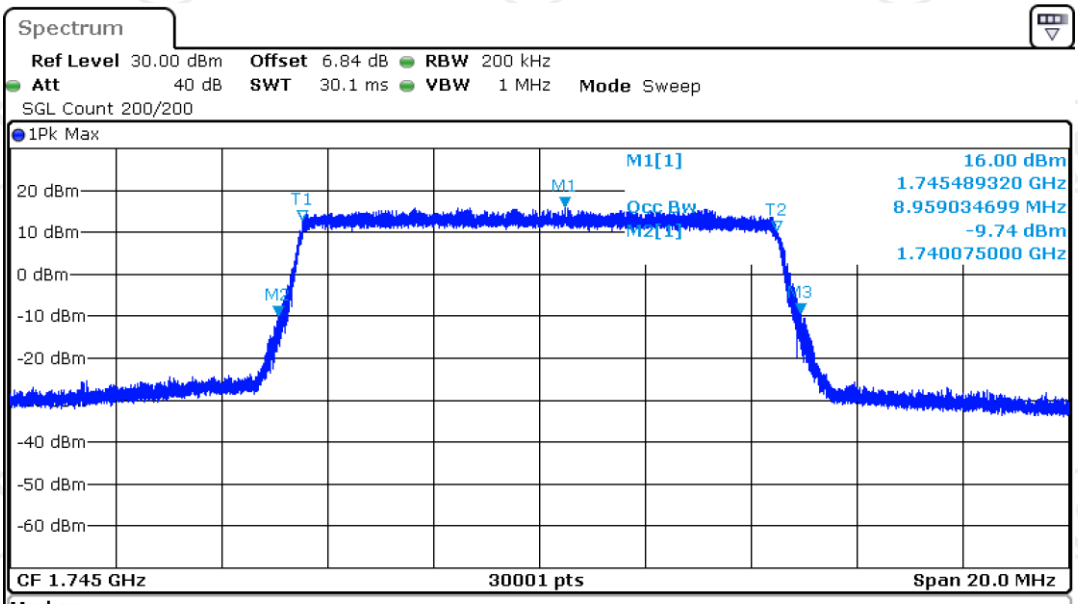
Date: 9.JUN.2023 16:51:23

Band66 16QAM BW=5MHz Channel=132322 RB Size=25 Position=#0



Date: 9.JUN.2023 16:51:41

Band66 QPSK BW=10MHz Channel=132322 RB Size=50 Position=#0

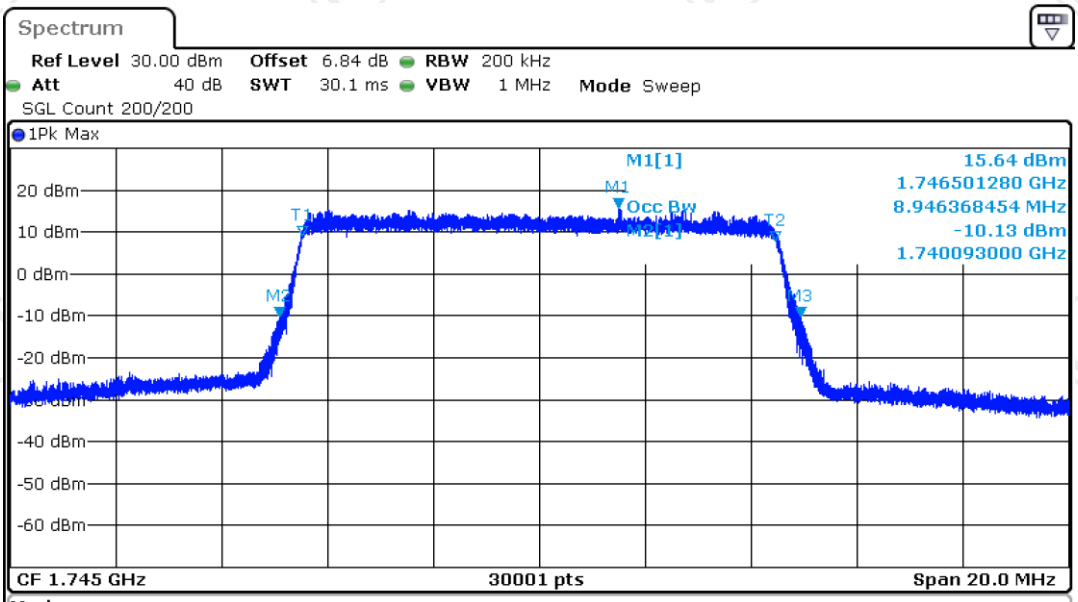


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74548932 GHz	16.00 dBm		
T1		1	1.740514816 GHz	12.94 dBm	Occ Bw	8.959034699 MHz
T2		1	1.749473851 GHz	10.35 dBm		
M2		1	1.740075 GHz	-9.74 dBm		
M3		1	1.749932 GHz	-9.16 dBm		

Date: 9.JUN.2023 16:53:12

Band66 16QAM BW=10MHz Channel=132322 RB Size=50 Position=#0

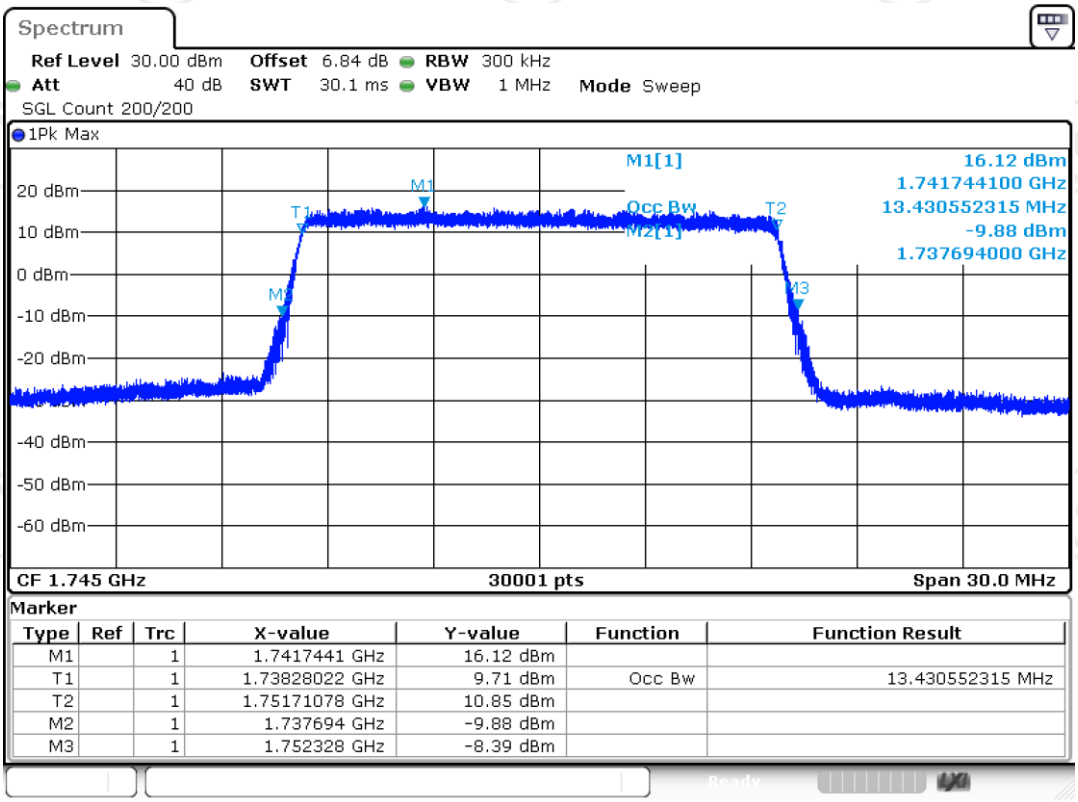


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74650128 GHz	15.64 dBm		
T1		1	1.740520816 GHz	9.22 dBm	Occ Bw	8.946368454 MHz
T2		1	1.749467184 GHz	7.77 dBm		
M2		1	1.740093 GHz	-10.13 dBm		
M3		1	1.749928 GHz	-10.32 dBm		

Date: 9.JUN.2023 16:53:30

Band66 QPSK BW=15MHz Channel=132322 RB Size=75 Position=#0

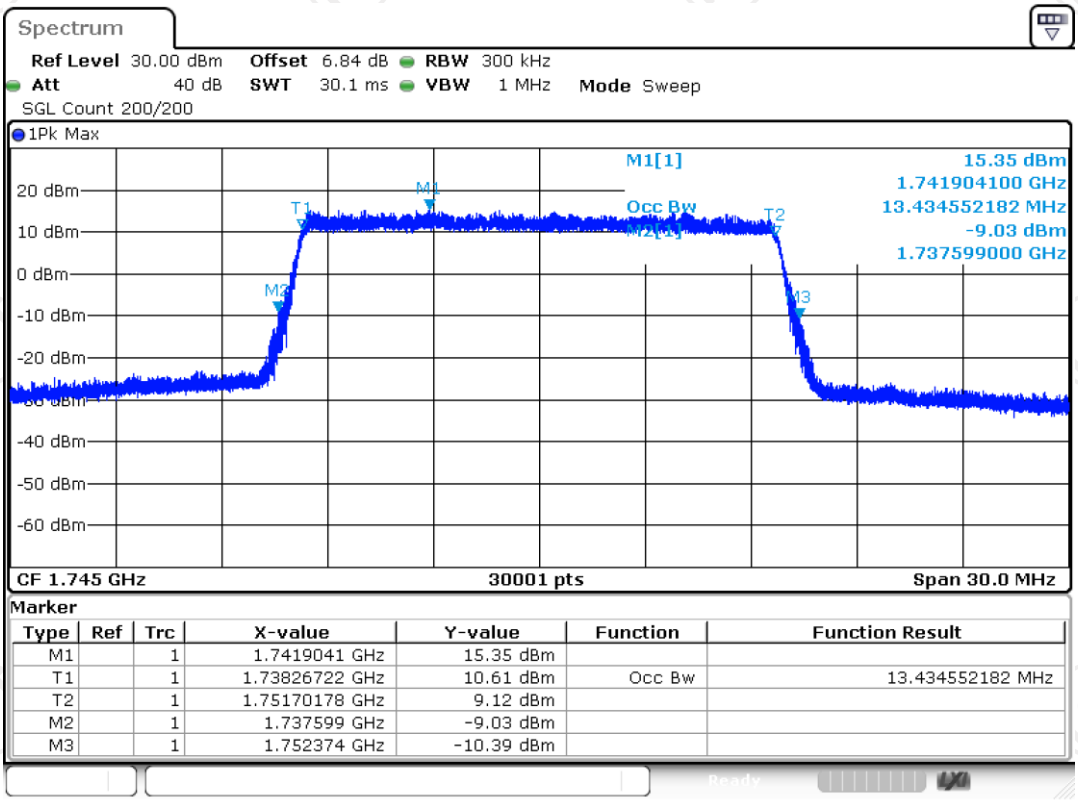


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7417441 GHz	16.12 dBm		
T1		1	1.73828022 GHz	9.71 dBm	Occ Bw	13.430552315 MHz
T2		1	1.75171078 GHz	10.85 dBm		
M2		1	1.737694 GHz	-9.88 dBm		
M3		1	1.752328 GHz	-8.39 dBm		

Date: 9.JUN.2023 16:54:58

Band66 16QAM BW=15MHz Channel=132322 RB Size=75 Position=#0

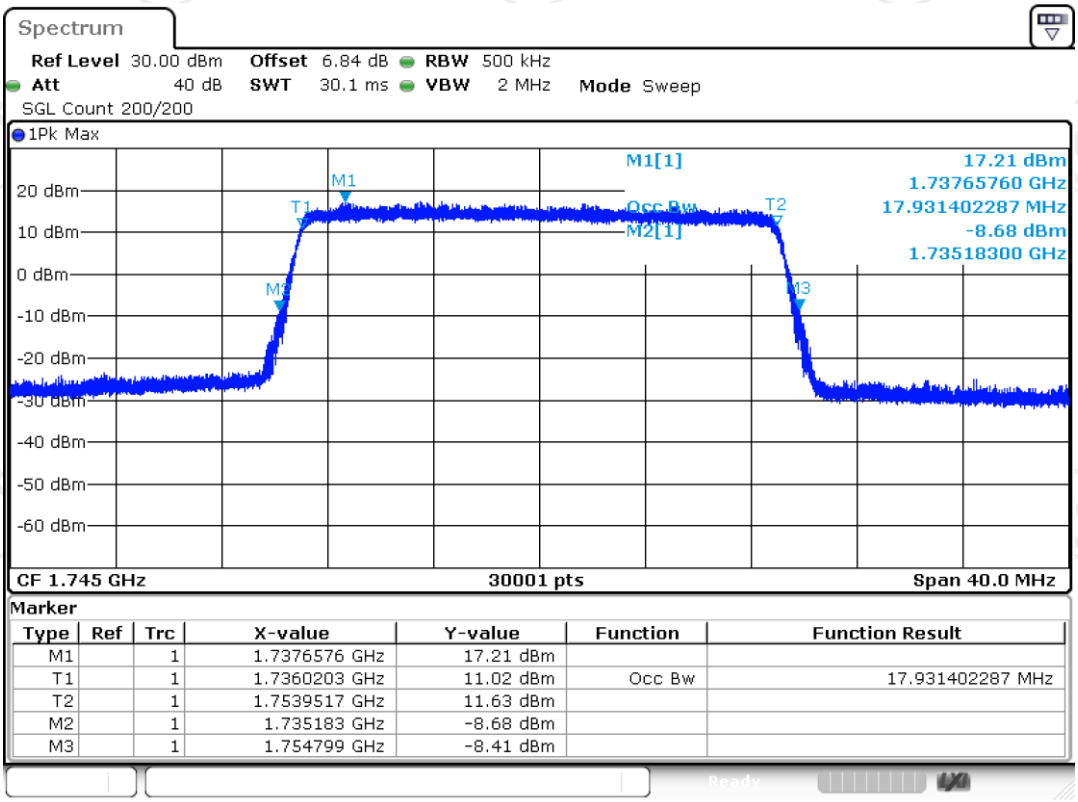


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7419041 GHz	15.35 dBm		
T1		1	1.73826722 GHz	10.61 dBm	Occ Bw	13.434552182 MHz
T2		1	1.75170178 GHz	9.12 dBm		
M2		1	1.737599 GHz	-9.03 dBm		
M3		1	1.752374 GHz	-10.39 dBm		

Date: 9.JUN.2023 16:55:15

Band66 QPSK BW=20MHz Channel=132322 RB Size=100 Position=#0

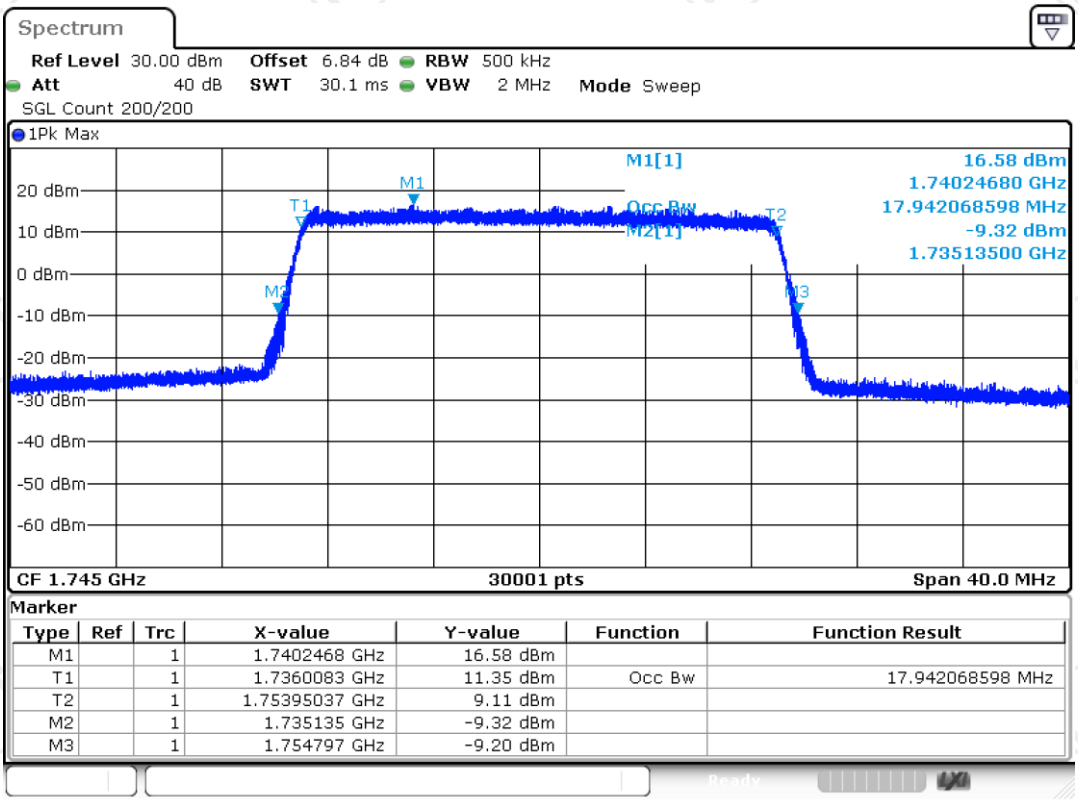


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7376576 GHz	17.21 dBm		
T1		1	1.7360203 GHz	11.02 dBm	Occ Bw	17.931402287 MHz
T2		1	1.7539517 GHz	11.63 dBm		
M2		1	1.735183 GHz	-8.68 dBm		
M3		1	1.754799 GHz	-8.41 dBm		

Date: 9.JUN.2023 16:56:41

Band66 16QAM BW=20MHz Channel=132322 RB Size=100 Position=#0

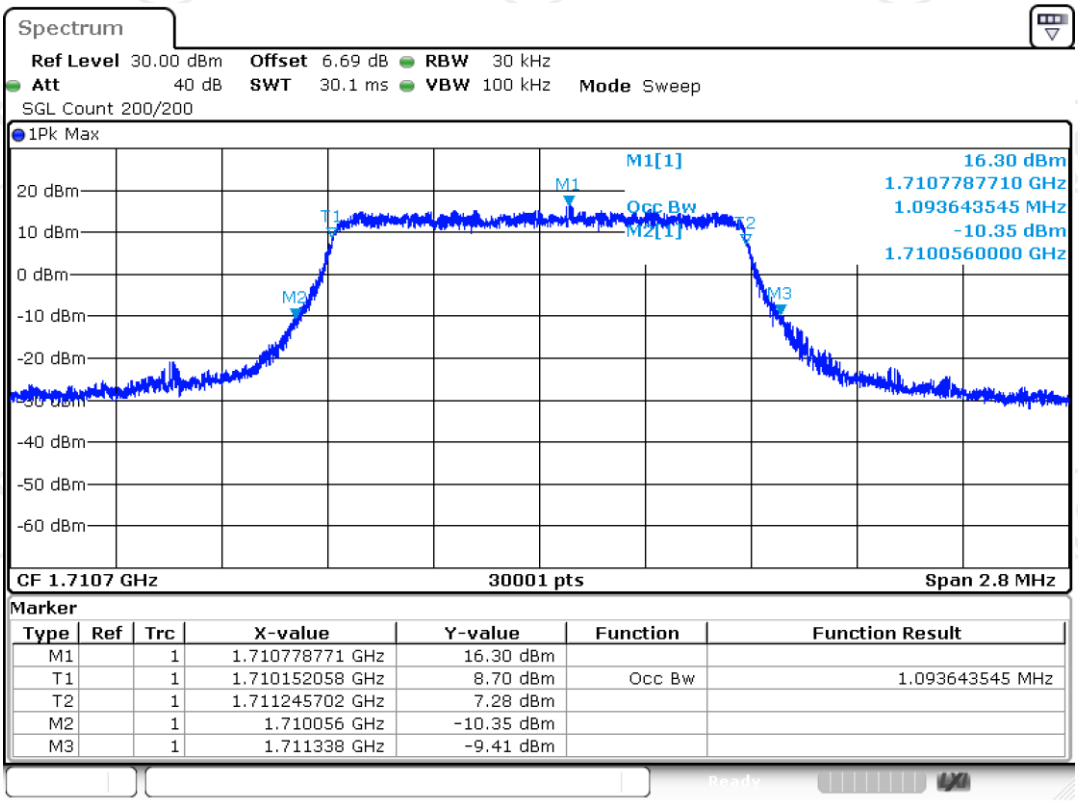


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7402468 GHz	16.58 dBm		
T1		1	1.7360083 GHz	11.35 dBm	Occ Bw	17.942068598 MHz
T2		1	1.75395037 GHz	9.11 dBm		
M2		1	1.735135 GHz	-9.32 dBm		
M3		1	1.754797 GHz	-9.20 dBm		

Date: 9.JUN.2023 16:56:57

Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0

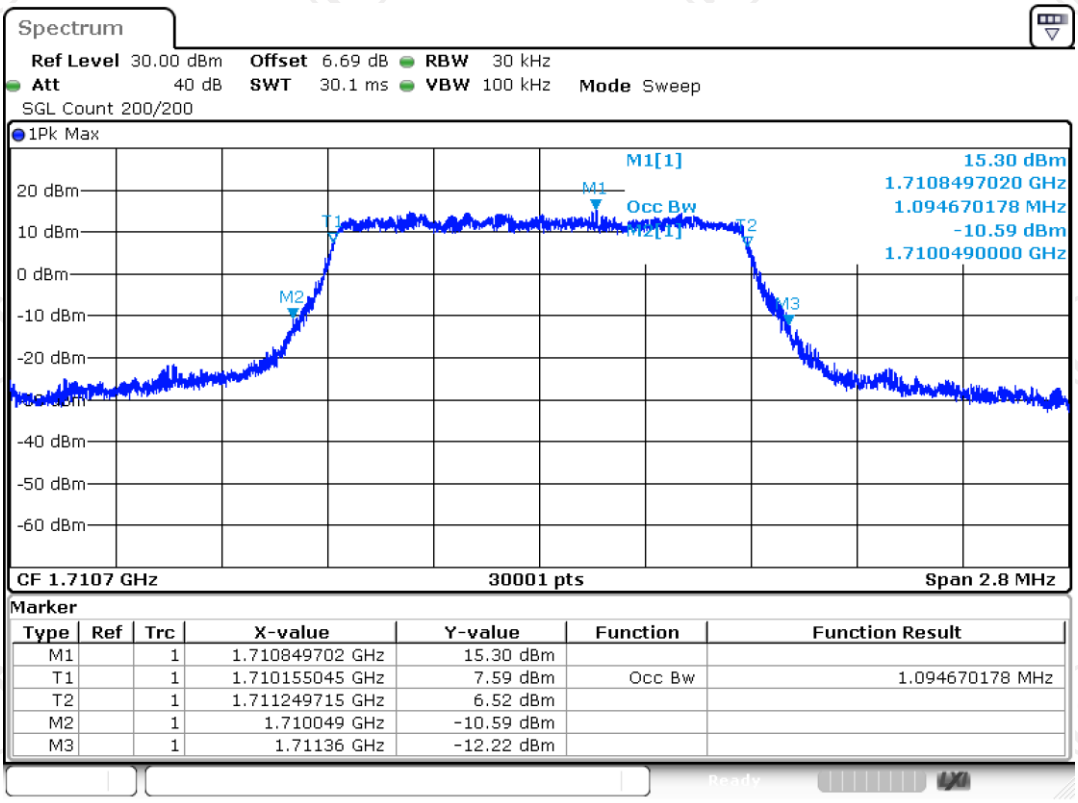


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710778771 GHz	16.30 dBm		
T1		1	1.710152058 GHz	8.70 dBm	Occ Bw	1.093643545 MHz
T2		1	1.711245702 GHz	7.28 dBm		
M2		1	1.710056 GHz	-10.35 dBm		
M3		1	1.711338 GHz	-9.41 dBm		

Date: 9.JUN.2023 16:47:15

Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

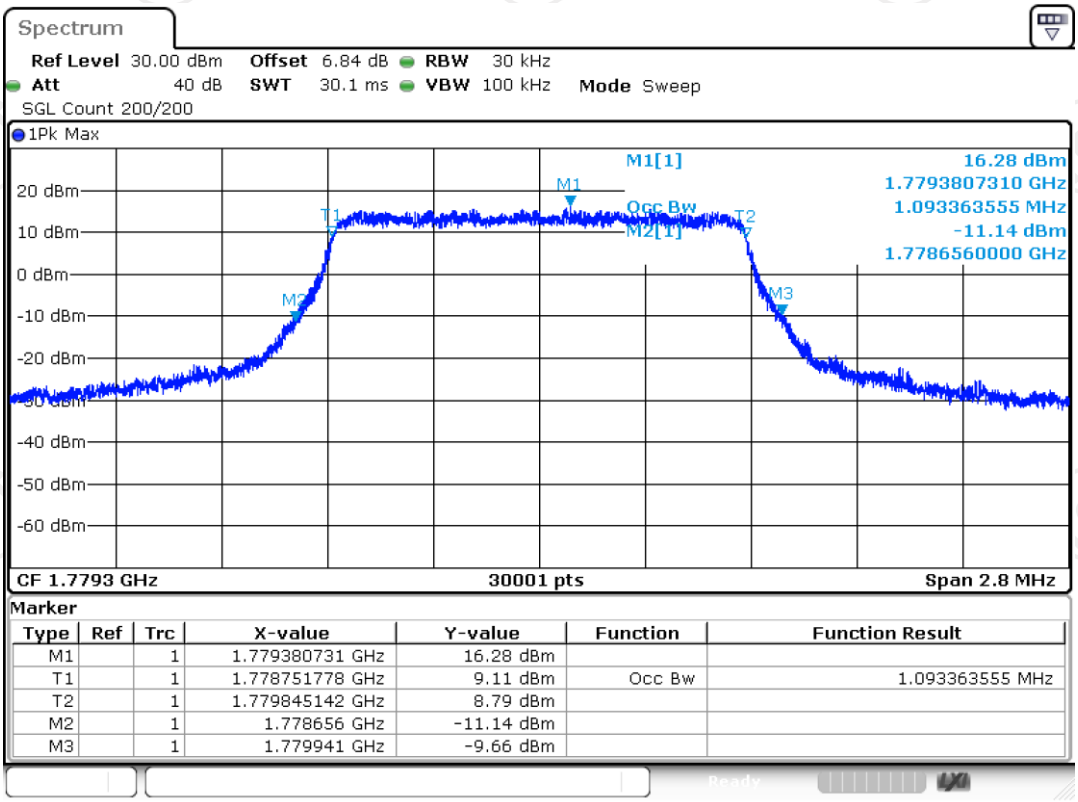


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710849702 GHz	15.30 dBm		
T1		1	1.710155045 GHz	7.59 dBm	Occ Bw	1.094670178 MHz
T2		1	1.711249715 GHz	6.52 dBm		
M2		1	1.710049 GHz	-10.59 dBm		
M3		1	1.71136 GHz	-12.22 dBm		

Date: 9.JUN.2023 16:47:33

Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0

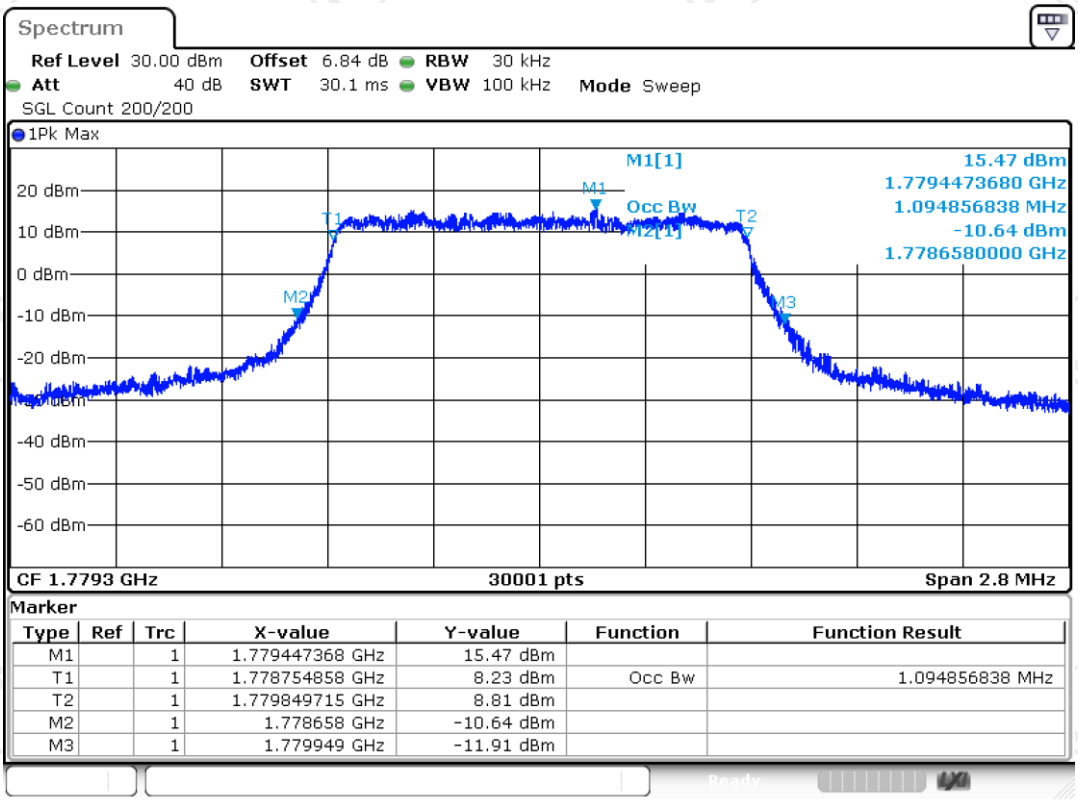


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.779380731 GHz	16.28 dBm		
T1		1	1.778751778 GHz	9.11 dBm	Occ Bw	1.093363555 MHz
T2		1	1.779845142 GHz	8.79 dBm		
M2		1	1.778656 GHz	-11.14 dBm		
M3		1	1.779941 GHz	-9.66 dBm		

Date: 9.JUN.2023 16:48:28

Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

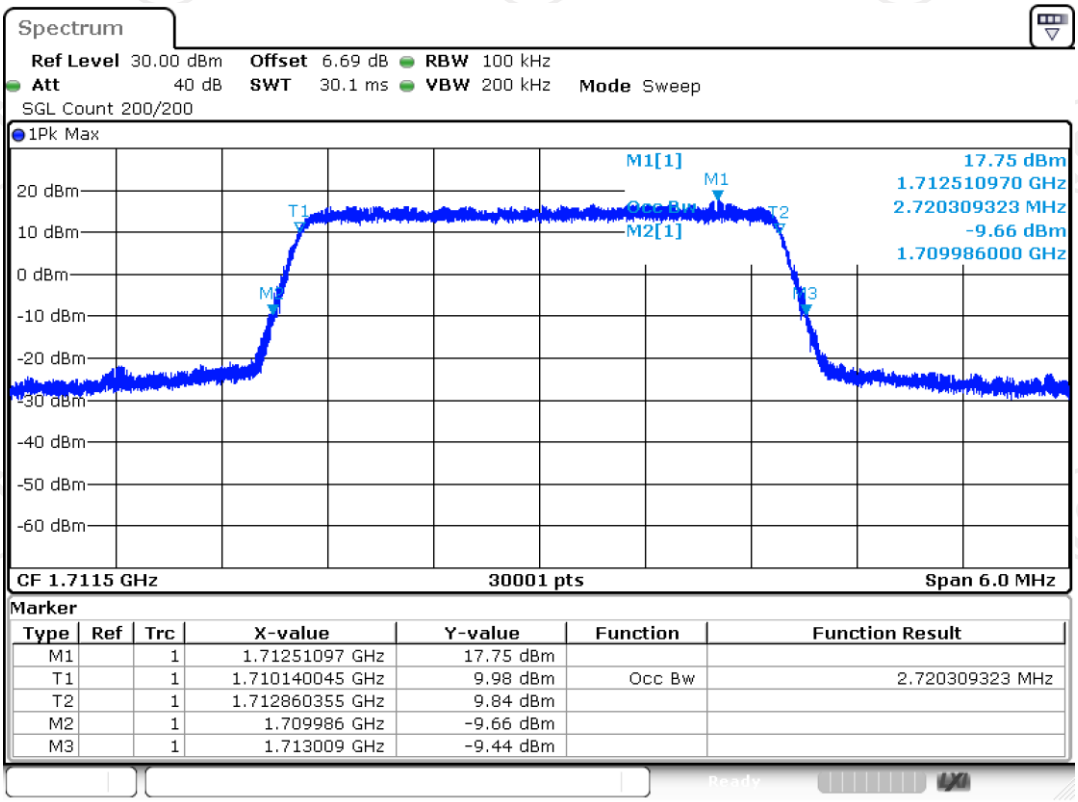


Marker

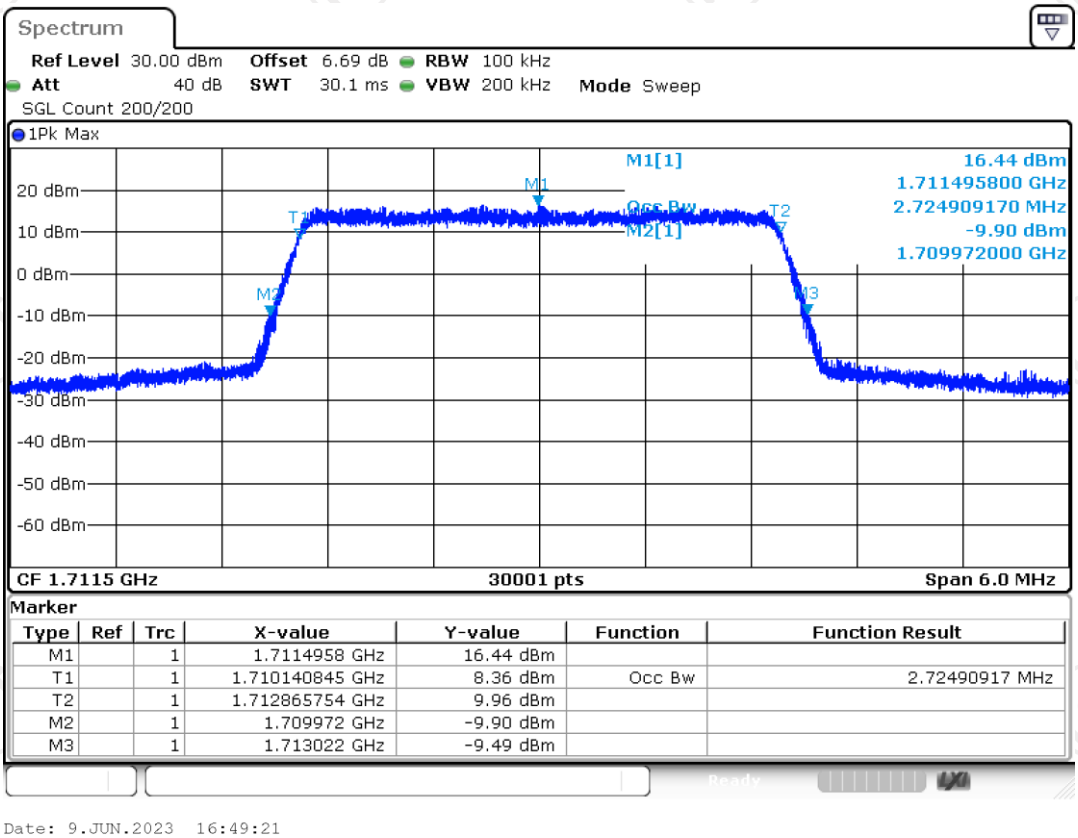
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.779447368 GHz	15.47 dBm		
T1		1	1.778754858 GHz	8.23 dBm	Occ Bw	1.094856838 MHz
T2		1	1.779849715 GHz	8.81 dBm		
M2		1	1.778658 GHz	-10.64 dBm		
M3		1	1.779949 GHz	-11.91 dBm		

Date: 9.JUN.2023 16:48:46

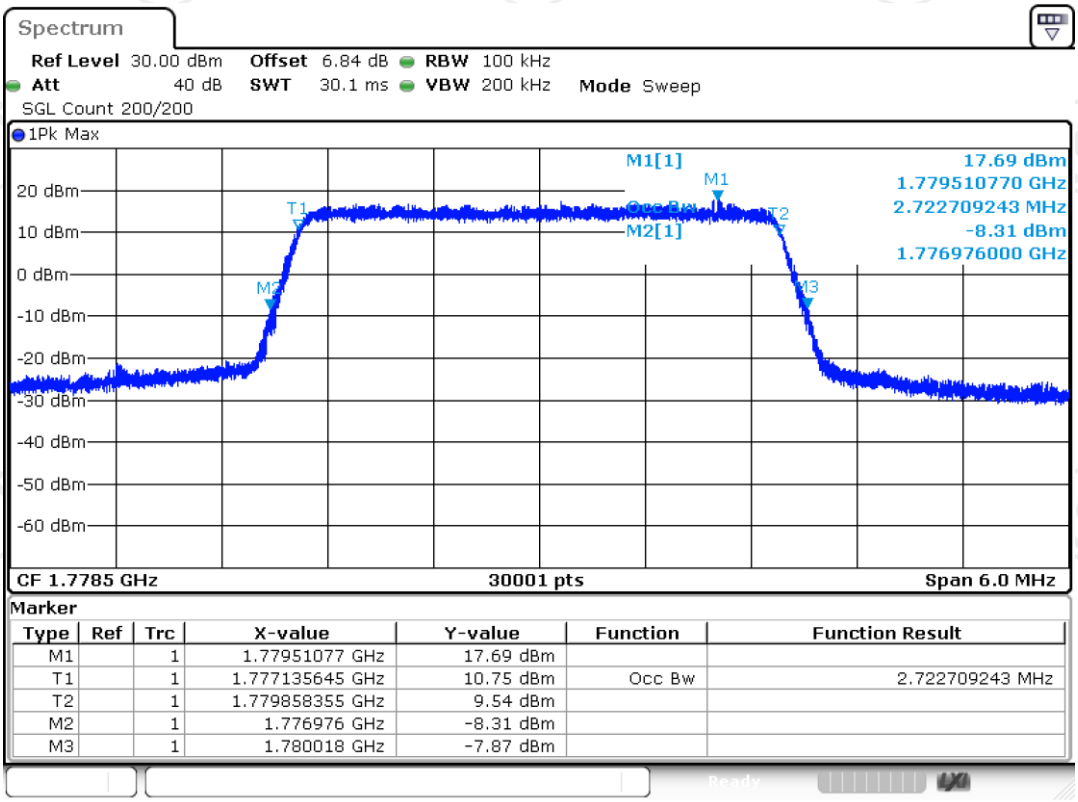
Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



Band66 QPSK BW=3MHz Channel=132657 RB Size=15 Position=#0

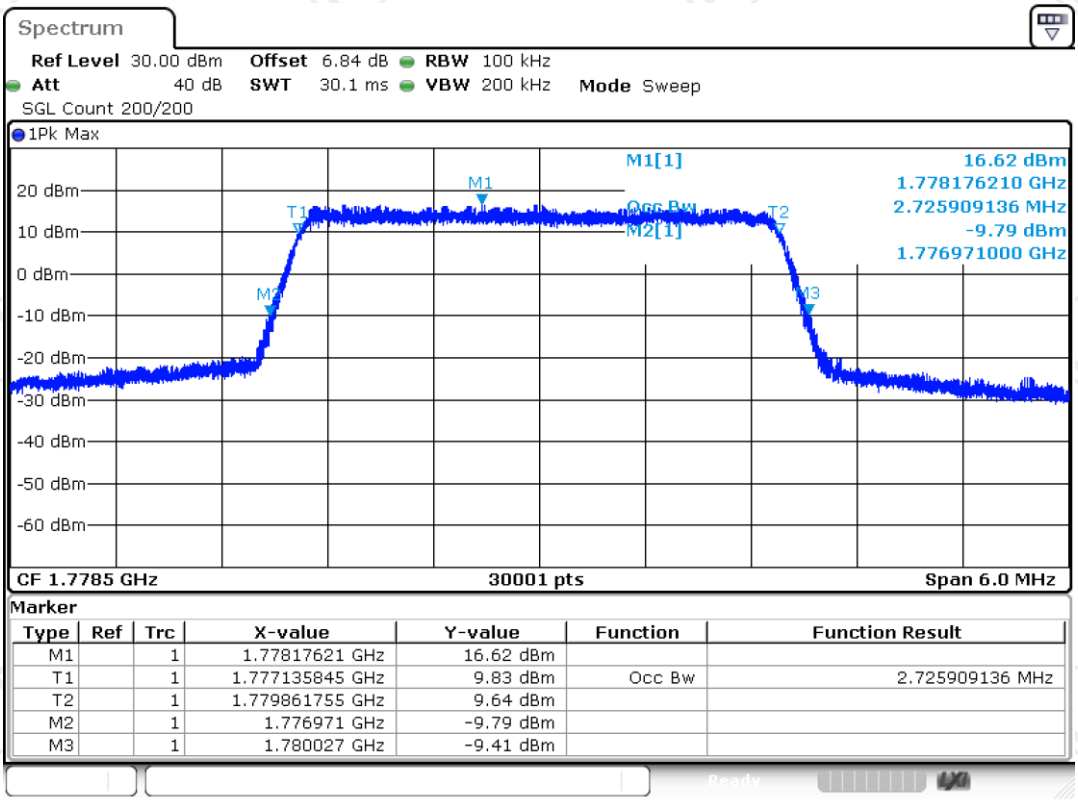


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77951077 GHz	17.69 dBm		
T1		1	1.777135645 GHz	10.75 dBm	Occ Bw	2.722709243 MHz
T2		1	1.779858355 GHz	9.54 dBm		
M2		1	1.776976 GHz	-8.31 dBm		
M3		1	1.780018 GHz	-7.87 dBm		

Date: 9.JUN.2023 16:50:13

Band66 16QAM BW=3MHz Channel=132657 RB Size=15 Position=#0

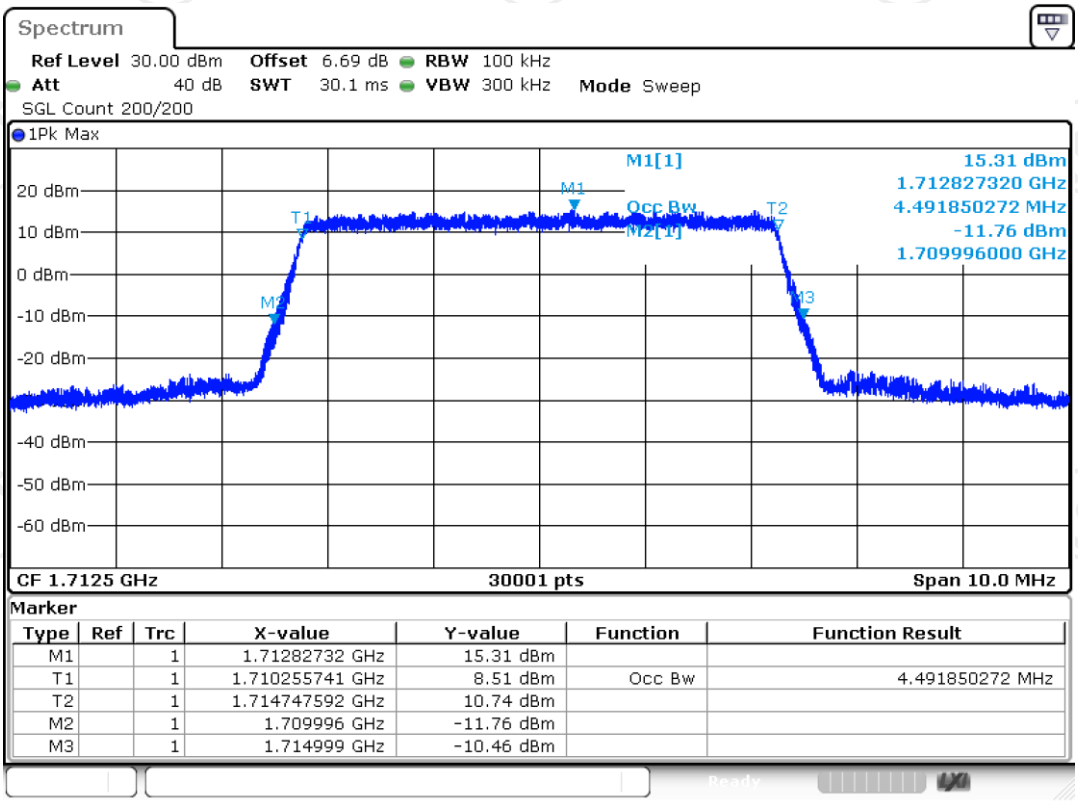


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77817621 GHz	16.62 dBm		
T1		1	1.777135845 GHz	9.83 dBm	Occ Bw	2.725909136 MHz
T2		1	1.779861755 GHz	9.64 dBm		
M2		1	1.776971 GHz	-9.79 dBm		
M3		1	1.780027 GHz	-9.41 dBm		

Date: 9.JUN.2023 16:50:30

Band66 QPSK BW=5MHz Channel=131997 RB Size=25 Position=#0

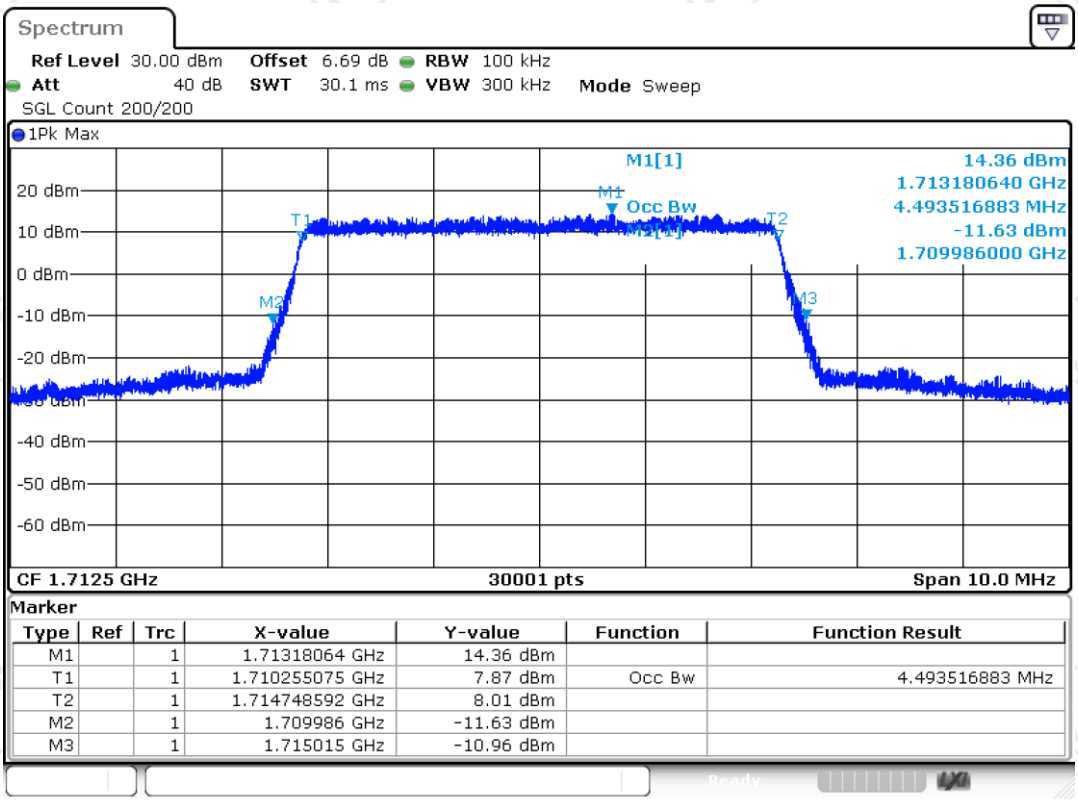


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71282732 GHz	15.31 dBm		
T1		1	1.710255741 GHz	8.51 dBm	Occ Bw	4.491850272 MHz
T2		1	1.714747592 GHz	10.74 dBm		
M2		1	1.709996 GHz	-11.76 dBm		
M3		1	1.714999 GHz	-10.46 dBm		

Date: 9.JUN.2023 16:50:48

Band66 16QAM BW=5MHz Channel=131997 RB Size=25 Position=#0

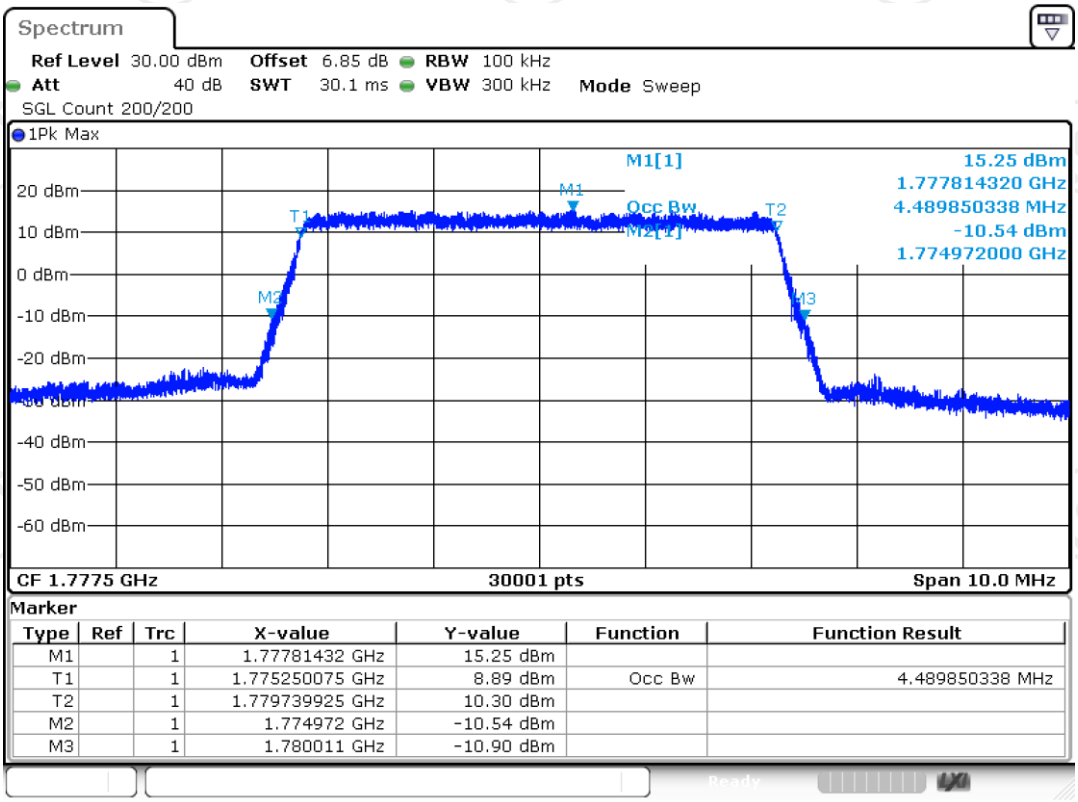


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71318064 GHz	14.36 dBm		
T1		1	1.710255075 GHz	7.87 dBm	Occ Bw	4.493516883 MHz
T2		1	1.714748592 GHz	8.01 dBm		
M2		1	1.709986 GHz	-11.63 dBm		
M3		1	1.715015 GHz	-10.96 dBm		

Date: 9.JUN.2023 16:51:06

Band66 QPSK BW=5MHz Channel=132647 RB Size=25 Position=#0

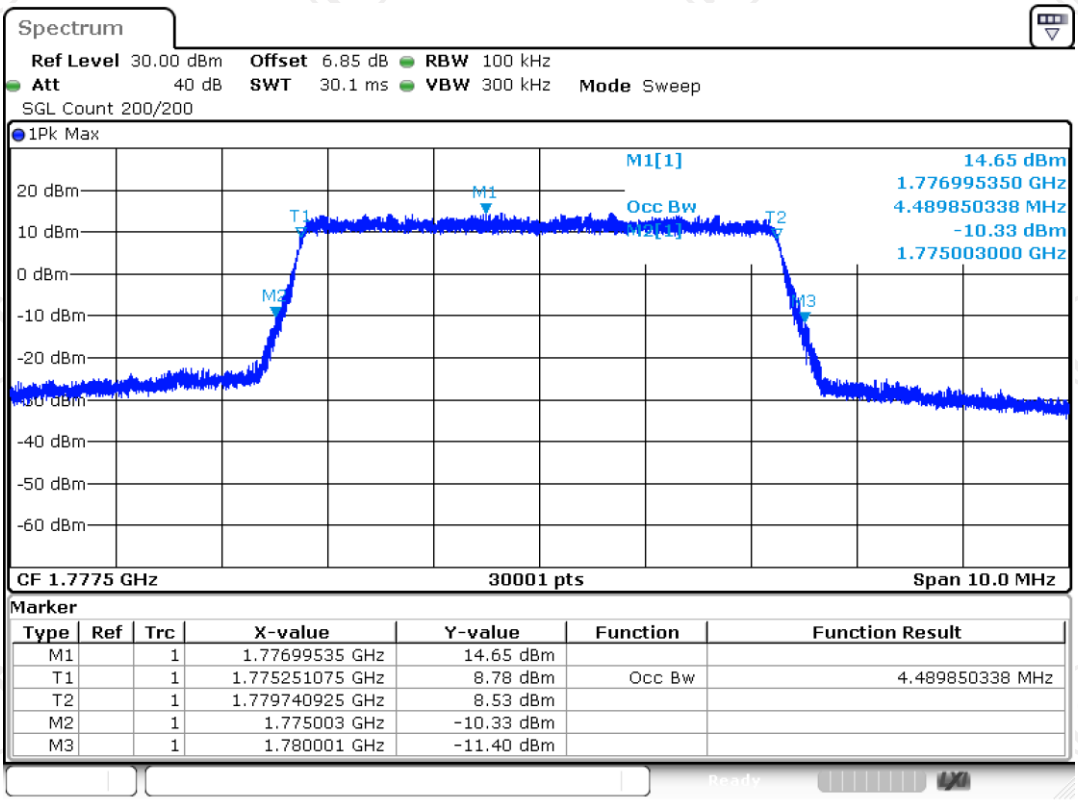


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77781432 GHz	15.25 dBm		
T1		1	1.775250075 GHz	8.89 dBm	Occ Bw	4.489850338 MHz
T2		1	1.779739925 GHz	10.30 dBm		
M2		1	1.774972 GHz	-10.54 dBm		
M3		1	1.780011 GHz	-10.90 dBm		

Date: 9.JUN.2023 16:51:59

Band66 16QAM BW=5MHz Channel=132647 RB Size=25 Position=#0

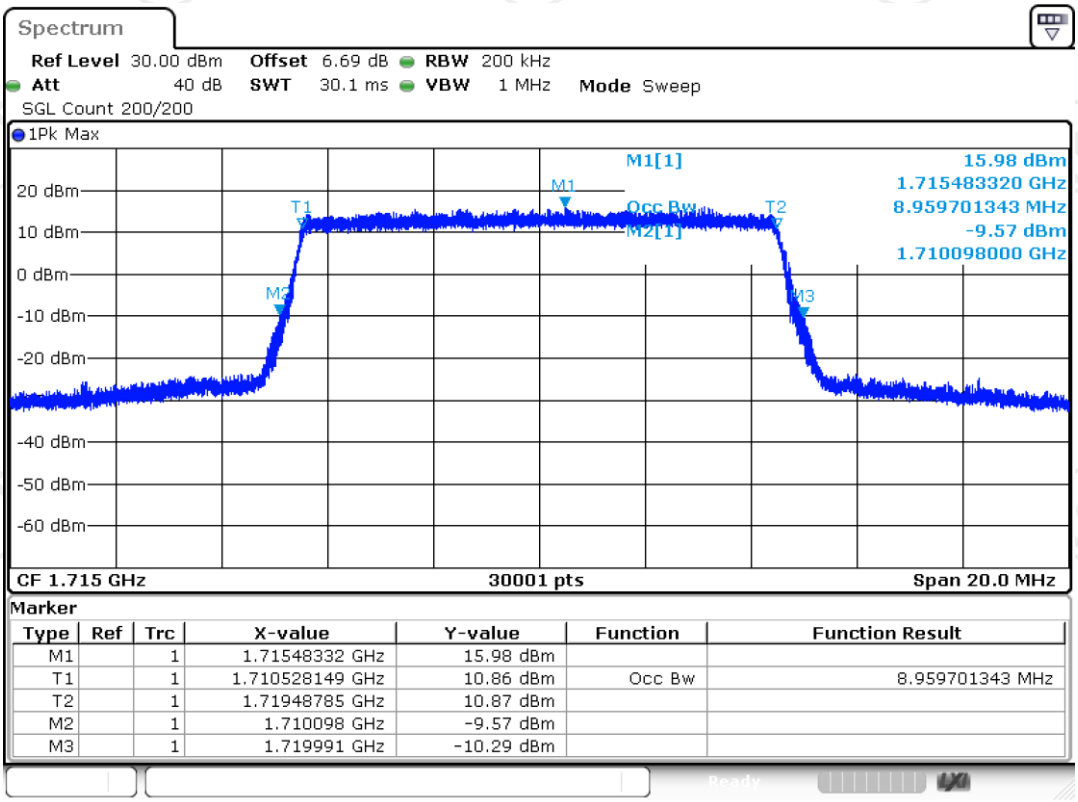


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77699535 GHz	14.65 dBm		
T1		1	1.775251075 GHz	8.78 dBm	Occ Bw	4.489850338 MHz
T2		1	1.779740925 GHz	8.53 dBm		
M2		1	1.775003 GHz	-10.33 dBm		
M3		1	1.780001 GHz	-11.40 dBm		

Date: 9.JUN.2023 16:52:17

Band66 QPSK BW=10MHz Channel=132022 RB Size=50 Position=#0

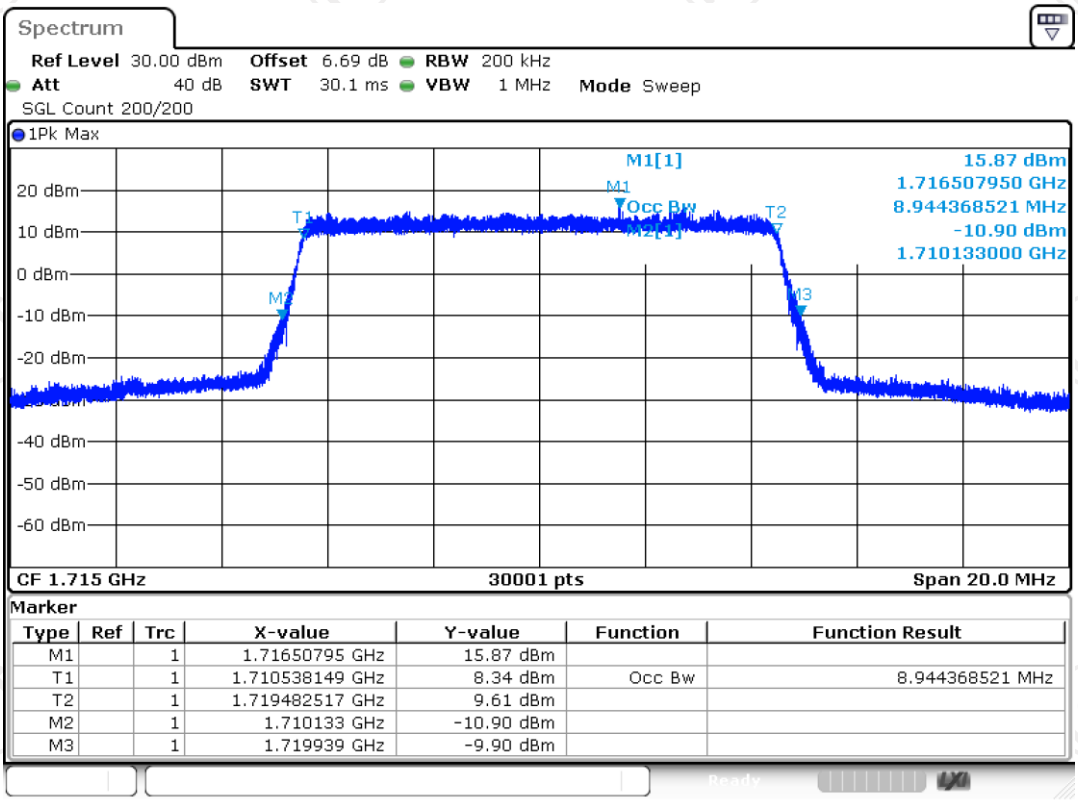


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71548332 GHz	15.98 dBm		
T1		1	1.710528149 GHz	10.86 dBm	Occ Bw	8.959701343 MHz
T2		1	1.71948785 GHz	10.87 dBm		
M2		1	1.710098 GHz	-9.57 dBm		
M3		1	1.719991 GHz	-10.29 dBm		

Date: 9.JUN.2023 16:52:36

Band66 16QAM BW=10MHz Channel=132022 RB Size=50 Position=#0

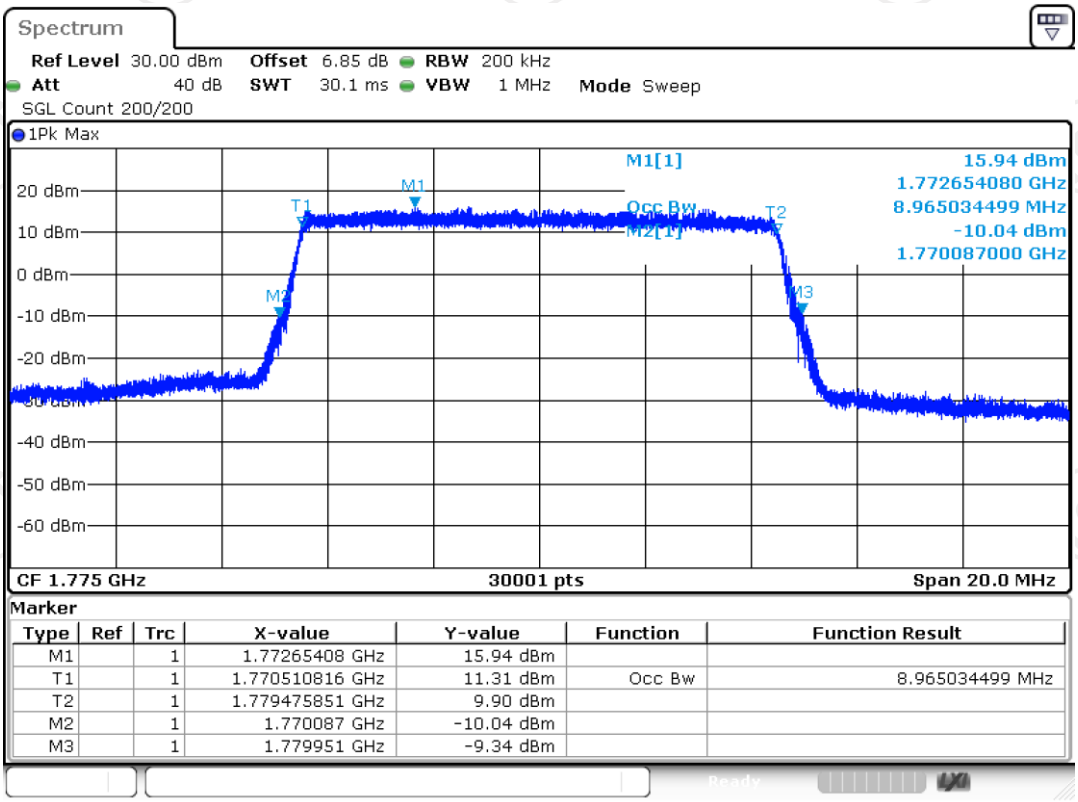


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71650795 GHz	15.87 dBm		
T1		1	1.710538149 GHz	8.34 dBm	Occ Bw	8.944368521 MHz
T2		1	1.719482517 GHz	9.61 dBm		
M2		1	1.710133 GHz	-10.90 dBm		
M3		1	1.719939 GHz	-9.90 dBm		

Date: 9.JUN.2023 16:52:53

Band66 QPSK BW=10MHz Channel=132622 RB Size=50 Position=#0

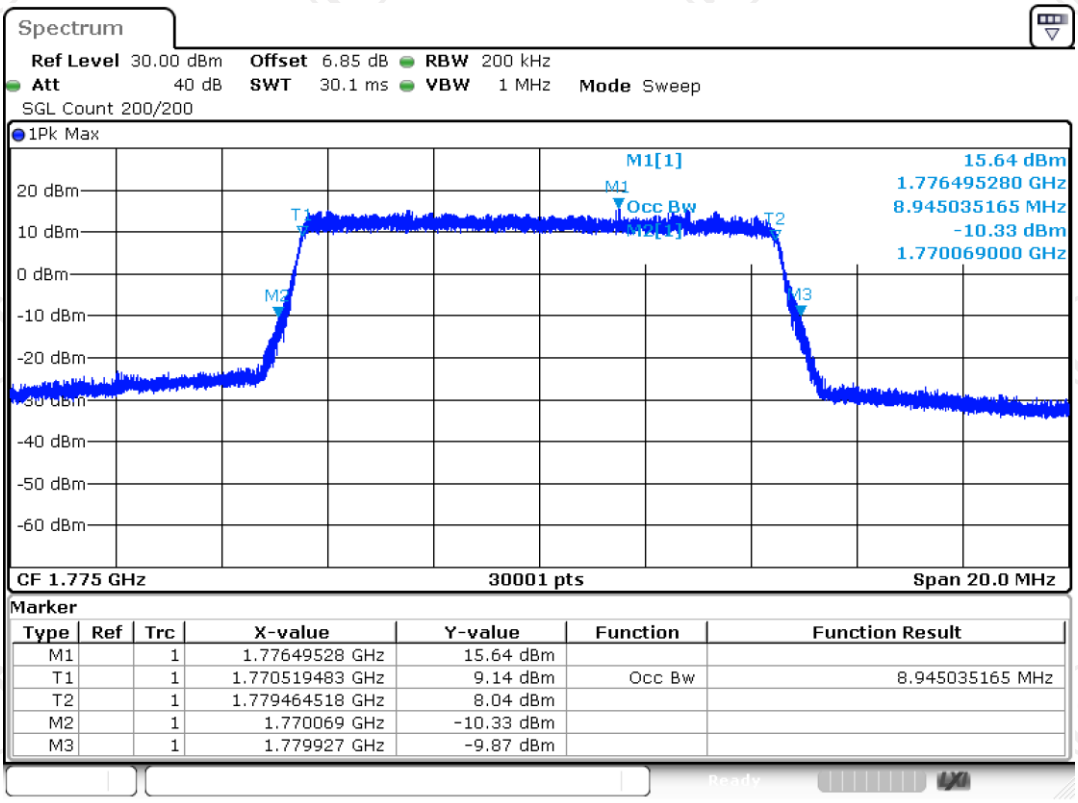


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77265408 GHz	15.94 dBm		
T1		1	1.770510816 GHz	11.31 dBm	Occ Bw	8.965034499 MHz
T2		1	1.779475851 GHz	9.90 dBm		
M2		1	1.770087 GHz	-10.04 dBm		
M3		1	1.779951 GHz	-9.34 dBm		

Date: 9.JUN.2023 16:53:49

Band66 16QAM BW=10MHz Channel=132622 RB Size=50 Position=#0

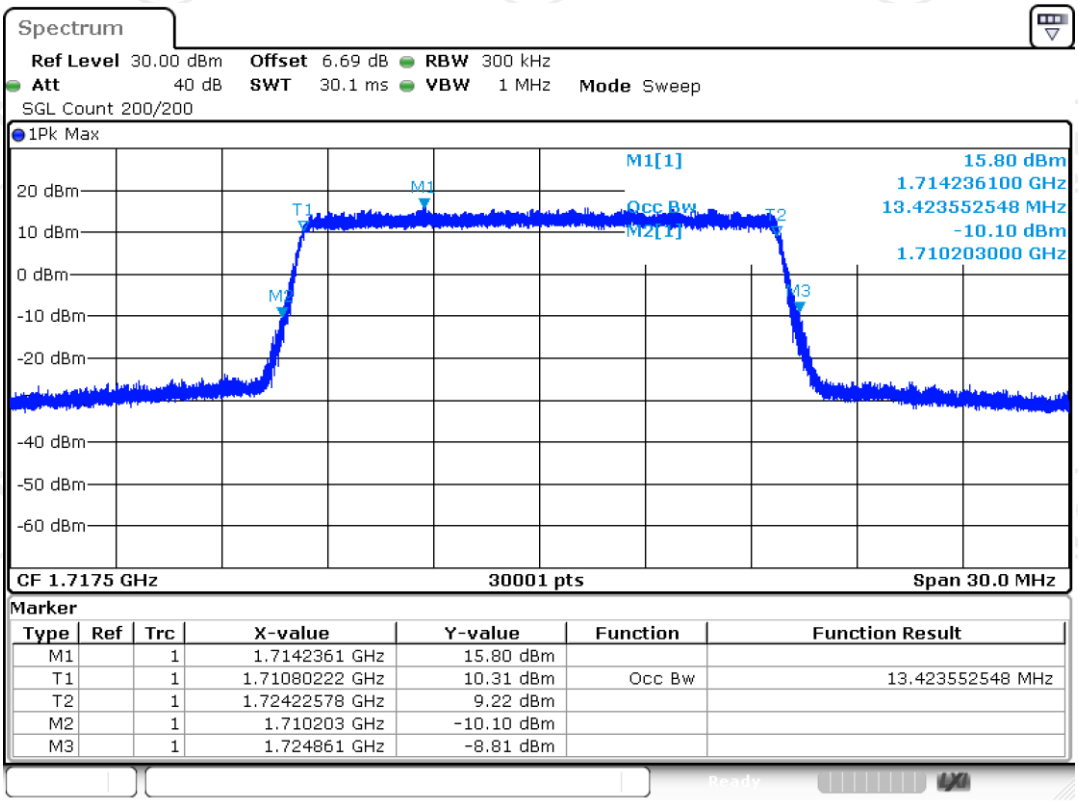


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.77649528 GHz	15.64 dBm		
T1		1	1.770519483 GHz	9.14 dBm	Occ Bw	8.945035165 MHz
T2		1	1.779464518 GHz	8.04 dBm		
M2		1	1.770069 GHz	-10.33 dBm		
M3		1	1.779927 GHz	-9.87 dBm		

Date: 9.JUN.2023 16:54:07

Band66 QPSK BW=15MHz Channel=132047 RB Size=75 Position=#0

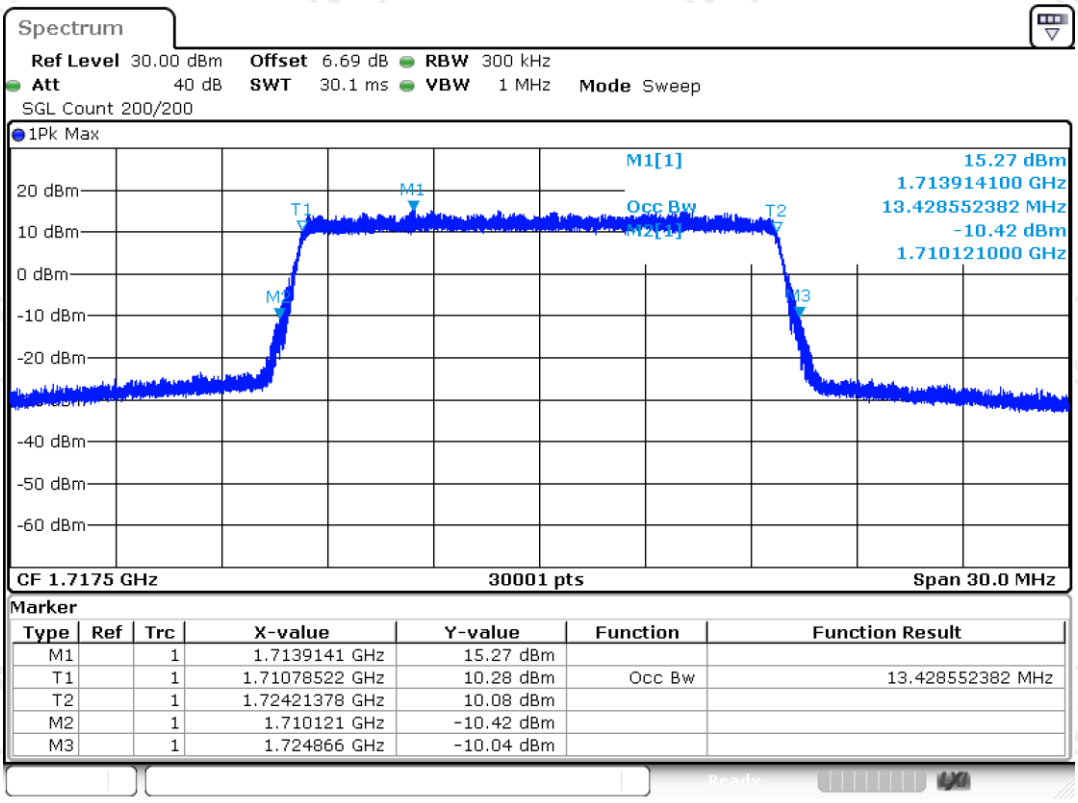


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7142361 GHz	15.80 dBm		
T1		1	1.71080222 GHz	10.31 dBm	Occ Bw	13.423552548 MHz
T2		1	1.72422578 GHz	9.22 dBm		
M2		1	1.710203 GHz	-10.10 dBm		
M3		1	1.724861 GHz	-8.81 dBm		

Date: 9.JUN.2023 16:54:25

Band66 16QAM BW=15MHz Channel=132047 RB Size=75 Position=#0

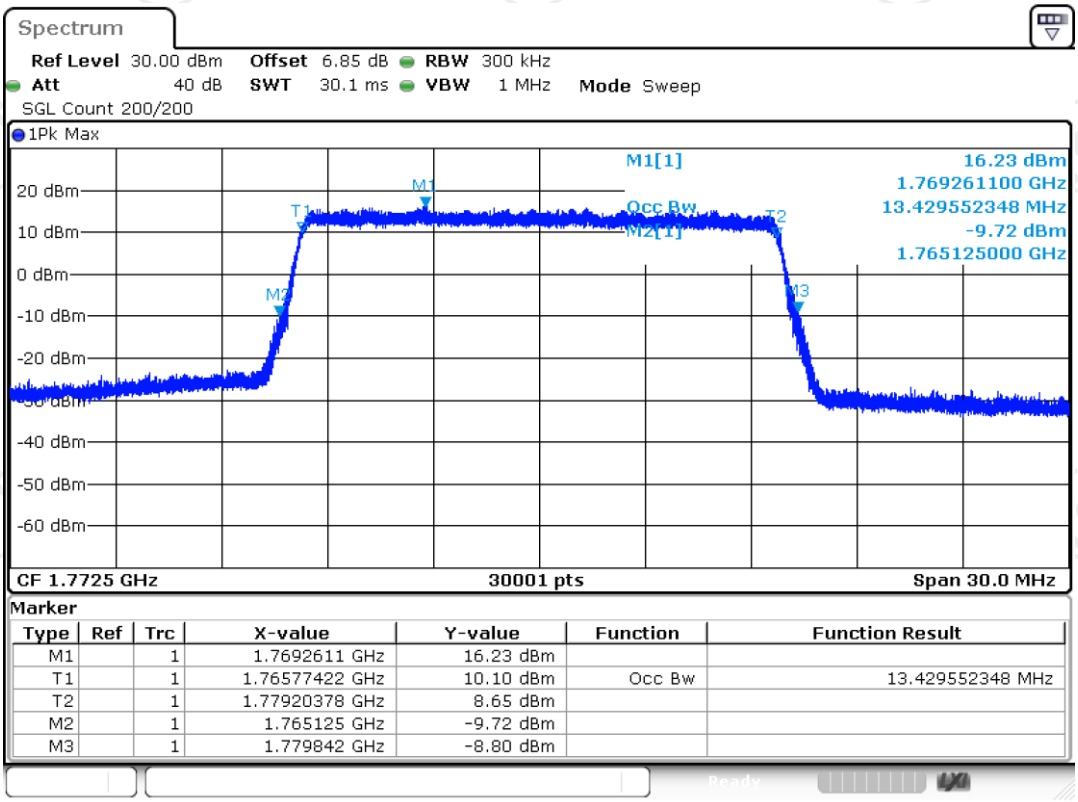


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7139141 GHz	15.27 dBm		
T1		1	1.71078522 GHz	10.28 dBm	Occ Bw	13.428552382 MHz
T2		1	1.72421378 GHz	10.08 dBm		
M2		1	1.710121 GHz	-10.42 dBm		
M3		1	1.724866 GHz	-10.04 dBm		

Date: 9.JUN.2023 16:54:41

Band66 QPSK BW=15MHz Channel=132597 RB Size=75 Position=#0

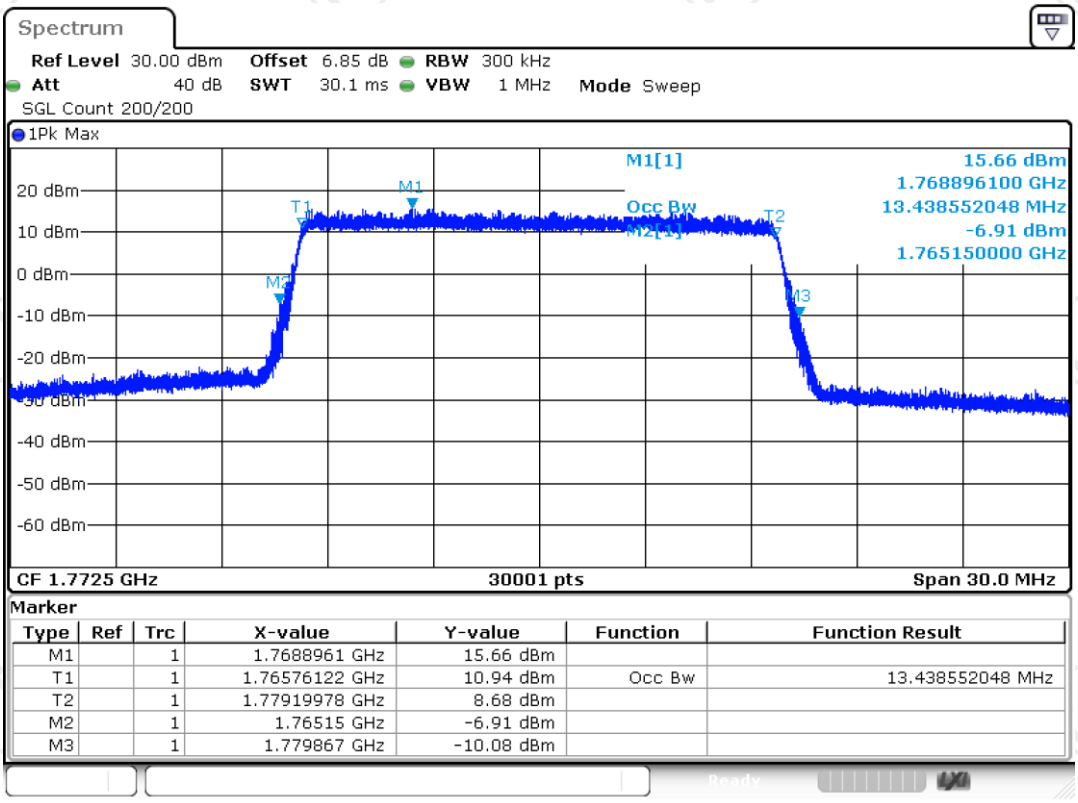


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7692611 GHz	16.23 dBm		
T1		1	1.76577422 GHz	10.10 dBm	Occ Bw	13.429552348 MHz
T2		1	1.77920378 GHz	8.65 dBm		
M2		1	1.765125 GHz	-9.72 dBm		
M3		1	1.779842 GHz	-8.80 dBm		

Date: 9.JUN.2023 16:55:32

Band66 16QAM BW=15MHz Channel=132597 RB Size=75 Position=#0

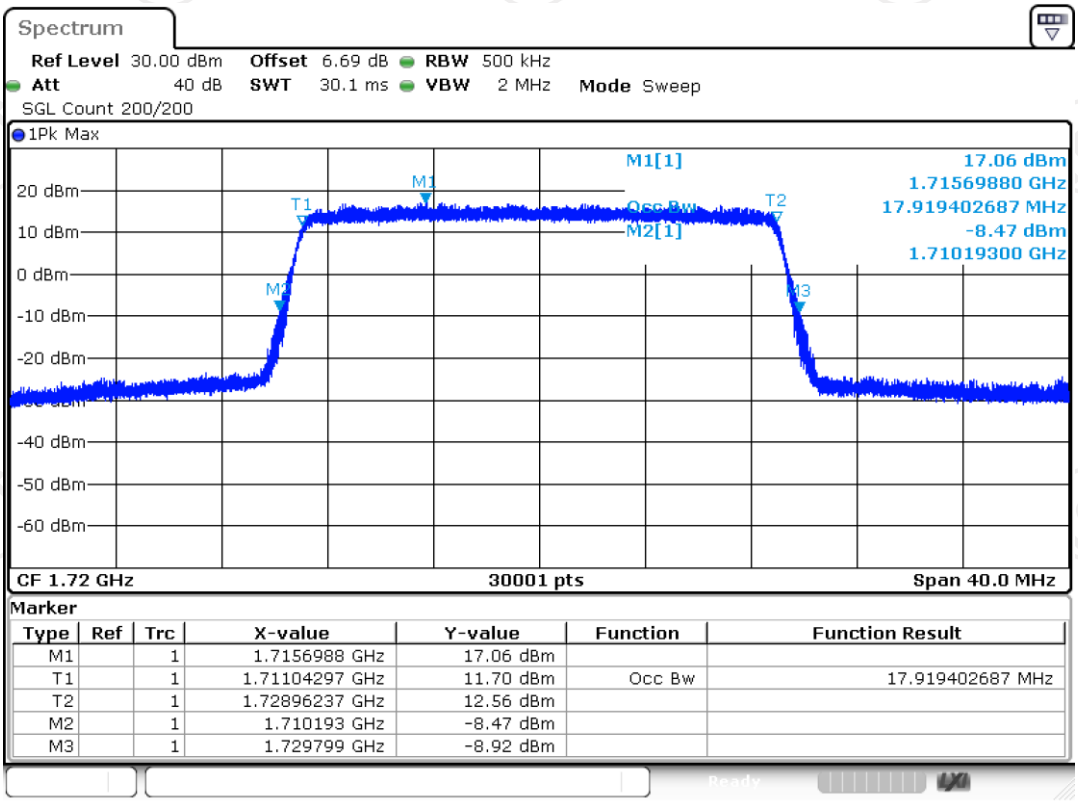


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7688961 GHz	15.66 dBm		
T1		1	1.76576122 GHz	10.94 dBm	Occ Bw	13.438552048 MHz
T2		1	1.77919978 GHz	8.68 dBm		
M2		1	1.76515 GHz	-6.91 dBm		
M3		1	1.779867 GHz	-10.08 dBm		

Date: 9.JUN.2023 16:55:49

Band66 QPSK BW=20MHz Channel=132072 RB Size=100 Position=#0

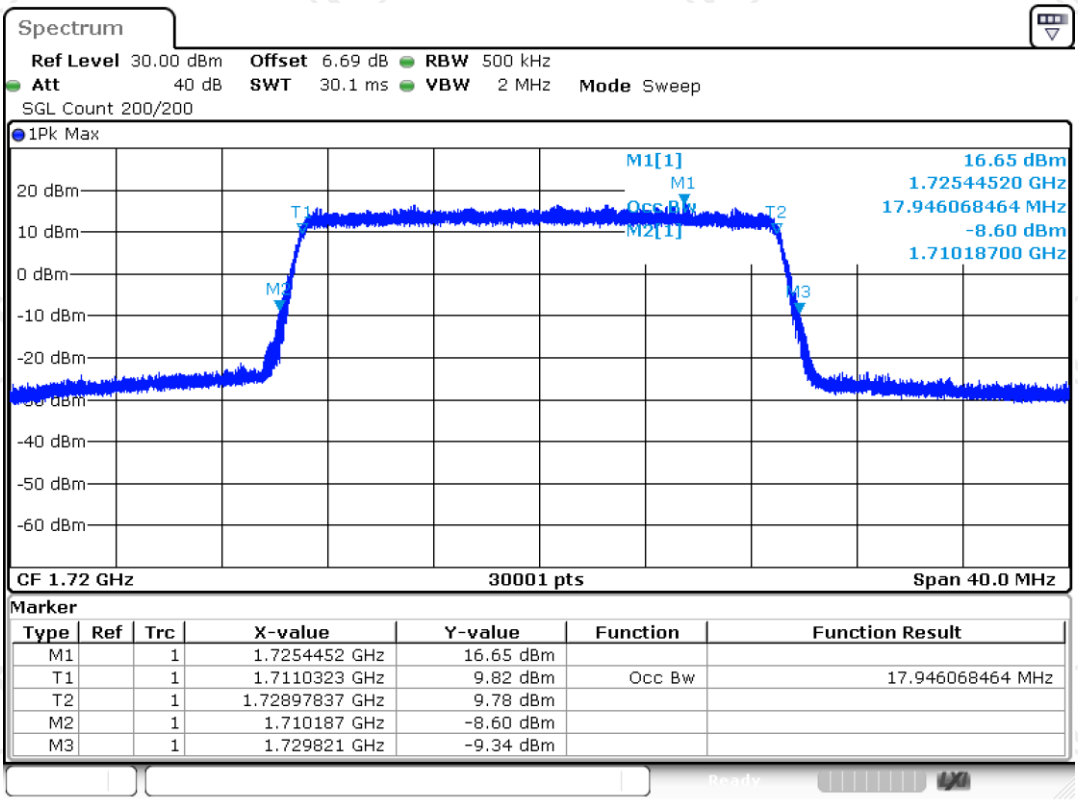


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7156988 GHz	17.06 dBm		
T1		1	1.71104297 GHz	11.70 dBm	Occ Bw	17.919402687 MHz
T2		1	1.72896237 GHz	12.56 dBm		
M2		1	1.710193 GHz	-8.47 dBm		
M3		1	1.729799 GHz	-8.92 dBm		

Date: 9.JUN.2023 16:56:07

Band66 16QAM BW=20MHz Channel=132072 RB Size=100 Position=#0

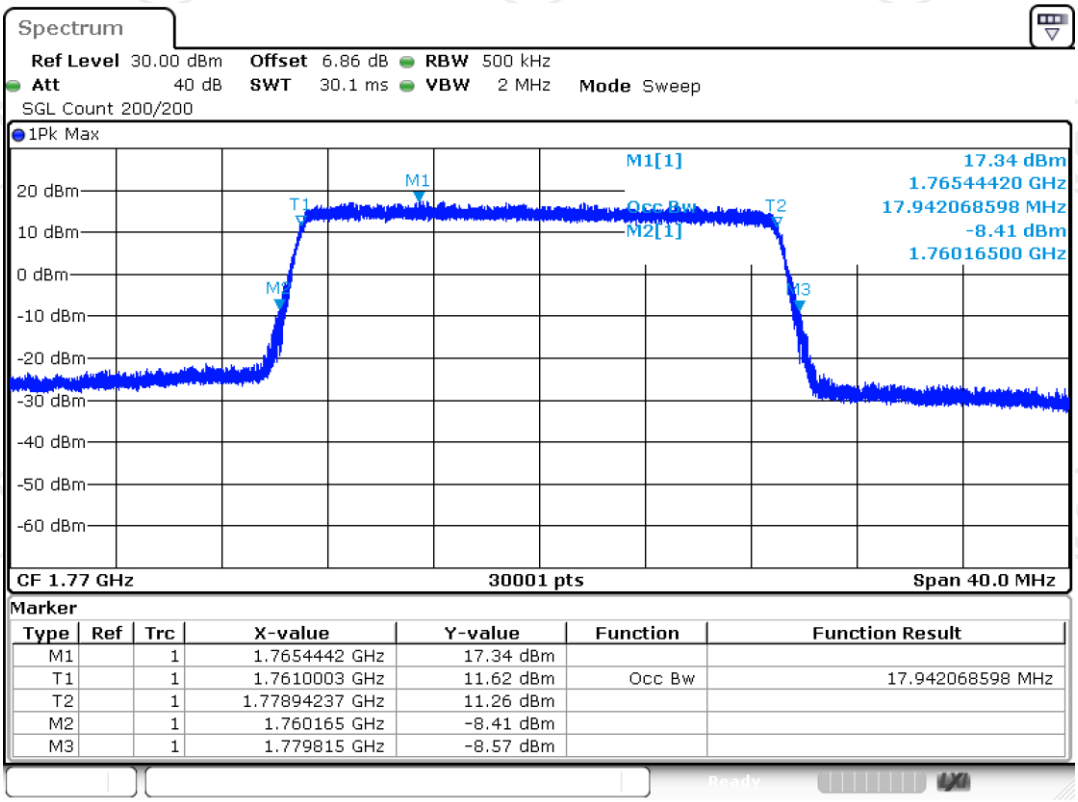


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7254452 GHz	16.65 dBm		
T1		1	1.7110323 GHz	9.82 dBm	Occ Bw	17.946068464 MHz
T2		1	1.72897837 GHz	9.78 dBm		
M2		1	1.710187 GHz	-8.60 dBm		
M3		1	1.729821 GHz	-9.34 dBm		

Date: 9.JUN.2023 16:56:23

Band66 QPSK BW=20MHz Channel=132572 RB Size=100 Position=#0

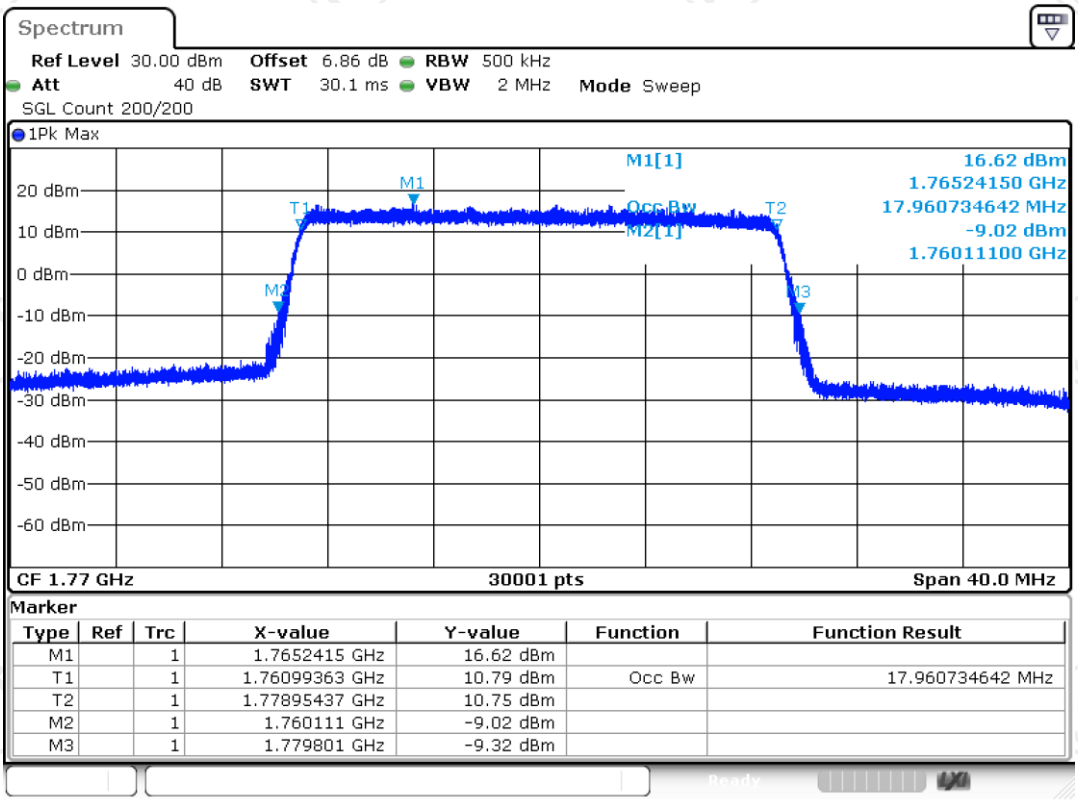


Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7654442 GHz	17.34 dBm		
T1		1	1.7610003 GHz	11.62 dBm	Occ Bw	17.942068598 MHz
T2		1	1.77894237 GHz	11.26 dBm		
M2		1	1.760165 GHz	-8.41 dBm		
M3		1	1.779815 GHz	-8.57 dBm		

Date: 9.JUN.2023 16:57:15

Band66 16QAM BW=20MHz Channel=132572 RB Size=100 Position=#0



Marker

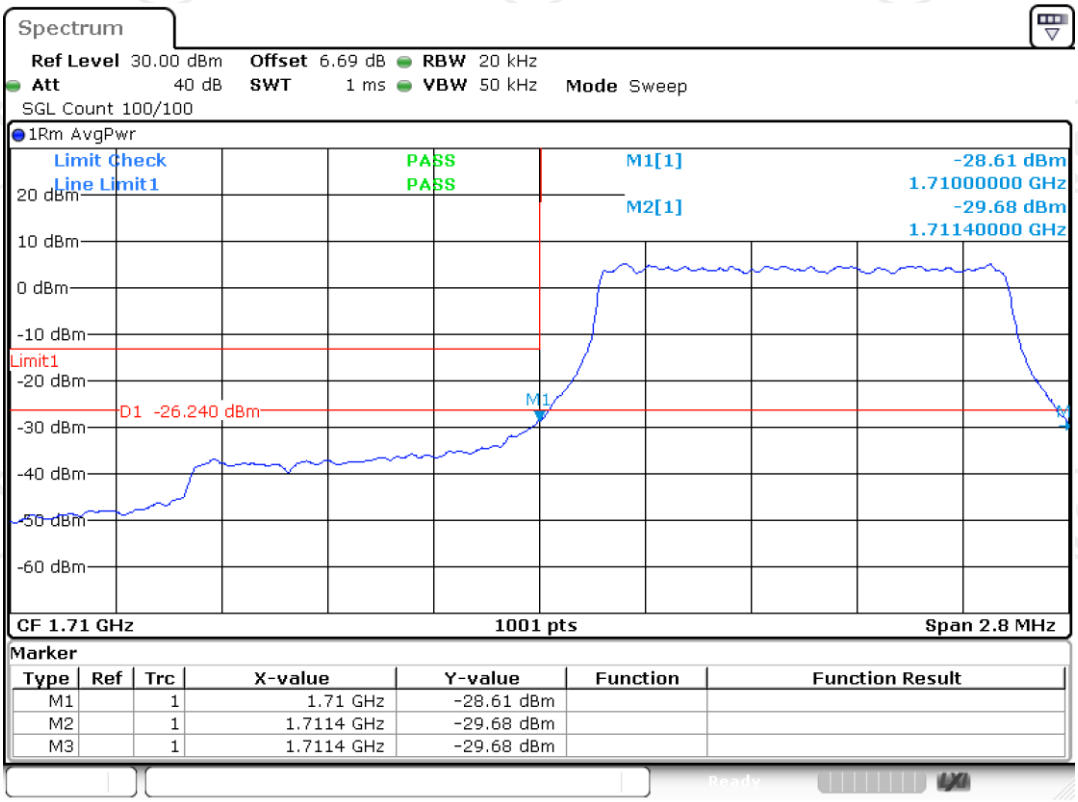
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7652415 GHz	16.62 dBm		
T1		1	1.76099363 GHz	10.79 dBm	Occ Bw	17.960734642 MHz
T2		1	1.77895437 GHz	10.75 dBm		
M2		1	1.760111 GHz	-9.02 dBm		
M3		1	1.779801 GHz	-9.32 dBm		

Date: 9.JUN.2023 16:57:31

5 Band edge

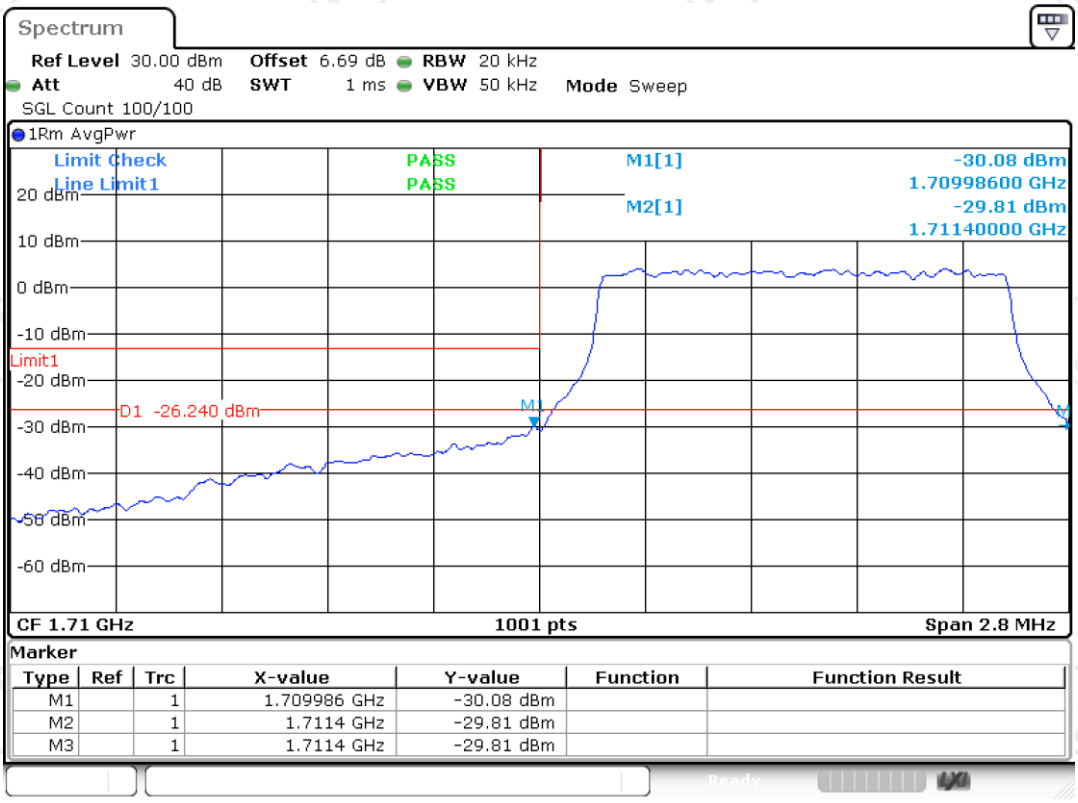
Band	Bandwidth (MHz)	UL Channel	RB Size	RB Position	Modulation	Spur Freq (MHz)	Spur Level (dBm)	Limit (dBm)	Verdict
Band66	1.4	131979	6	#0	QPSK	1710.00	-28.60	-13	PASS
Band66	1.4	131979	6	#0	16QAM	1709.99	-30.07	-13	PASS
Band66	1.4	132665	6	#0	QPSK	1780.00	-27.75	-13	PASS
Band66	1.4	132665	6	#0	16QAM	1780.00	-29.56	-13	PASS
Band66	3	131987	15	#0	QPSK	1710.00	-29.14	-13	PASS
Band66	3	131987	15	#0	16QAM	1710.00	-30.36	-13	PASS
Band66	3	132657	15	#0	QPSK	1780.00	-27.88	-13	PASS
Band66	3	132657	15	#0	16QAM	1780.00	-30.66	-13	PASS
Band66	5	131997	25	#0	QPSK	1710.00	-29.69	-13	PASS
Band66	5	131997	25	#0	16QAM	1710.00	-31.14	-13	PASS
Band66	5	132647	25	#0	QPSK	1780.00	-30.40	-13	PASS
Band66	5	132647	25	#0	16QAM	1780.00	-30.47	-13	PASS
Band66	10	132022	50	#0	QPSK	1709.94	-34.66	-13	PASS
Band66	10	132022	50	#0	16QAM	1710.00	-33.17	-13	PASS
Band66	10	132622	50	#0	QPSK	1780.00	-34.20	-13	PASS
Band66	10	132622	50	#0	16QAM	1780.00	-34.36	-13	PASS
Band66	15	132047	75	#0	QPSK	1710.00	-33.43	-13	PASS
Band66	15	132047	75	#0	16QAM	1709.97	-33.09	-13	PASS
Band66	15	132597	75	#0	QPSK	1780.00	-34.38	-13	PASS
Band66	15	132597	75	#0	16QAM	1780.00	-35.19	-13	PASS
Band66	20	132072	100	#0	QPSK	1710.00	-36.23	-13	PASS
Band66	20	132072	100	#0	16QAM	1709.96	-35.41	-13	PASS
Band66	20	132572	100	#0	QPSK	1780.00	-37.65	-13	PASS
Band66	20	132572	100	#0	16QAM	1780.00	-37.54	-13	PASS

Band66 QPSK BW=1.4MHz Channel=131979 RB Size=6 Position=#0



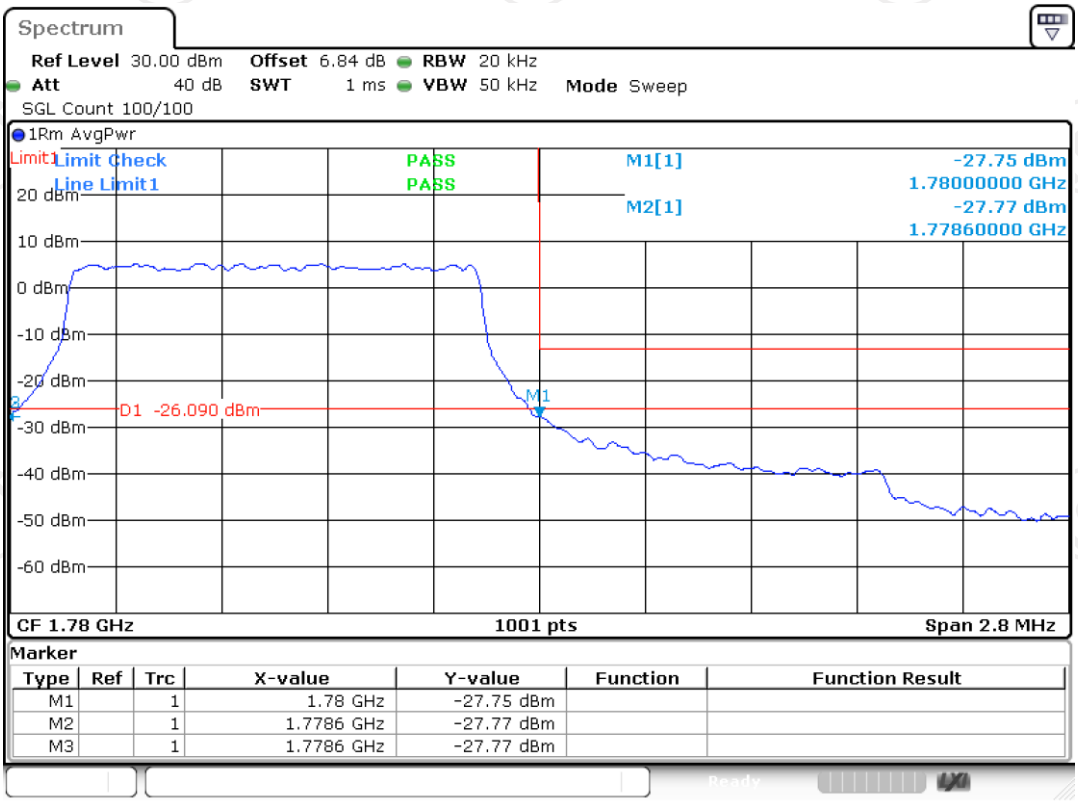
Date: 9.JUN.2023 16:58:01

Band66 16QAM BW=1.4MHz Channel=131979 RB Size=6 Position=#0

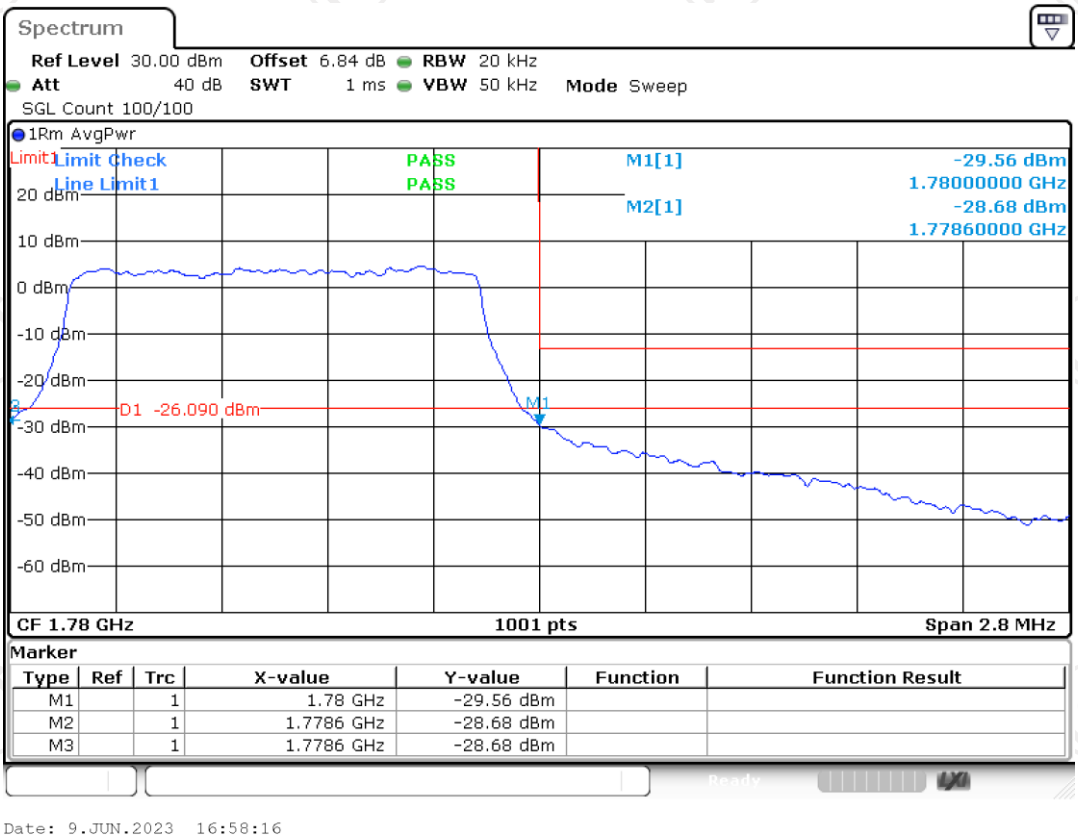


Date: 9.JUN.2023 16:58:06

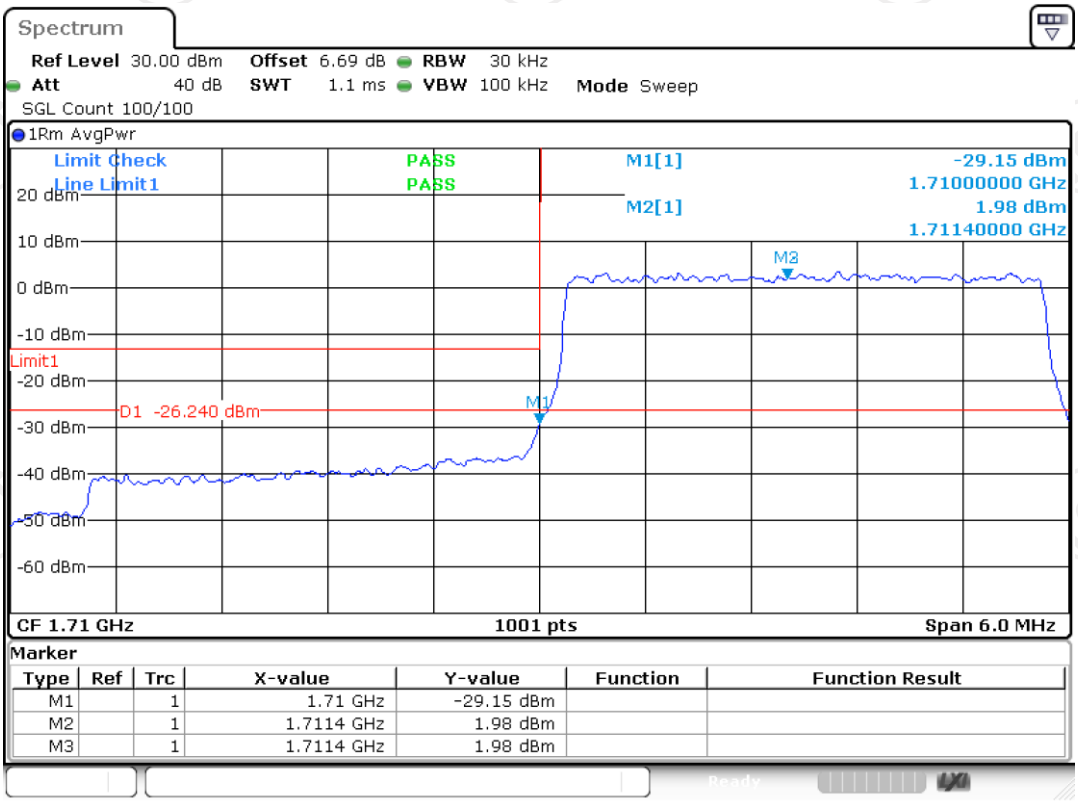
Band66 QPSK BW=1.4MHz Channel=132665 RB Size=6 Position=#0



Band66 16QAM BW=1.4MHz Channel=132665 RB Size=6 Position=#0

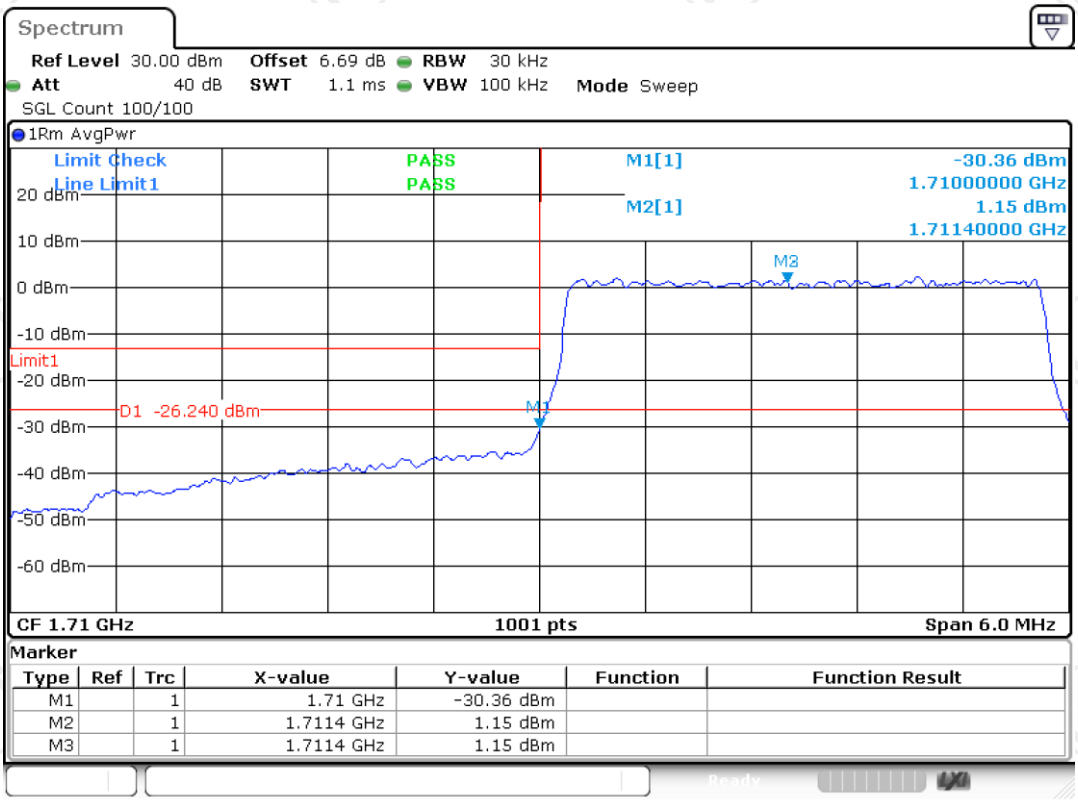


Band66 QPSK BW=3MHz Channel=131987 RB Size=15 Position=#0



Date: 9.JUN.2023 16:58:22

Band66 16QAM BW=3MHz Channel=131987 RB Size=15 Position=#0



Date: 9.JUN.2023 16:58:26