Appendix D: 26dB Bandwidth and Occupied Bandwidth

Test Result

Band	Bandwidth	Modulation	Channel	RB Configuration	Occupied Bandwidth (MHz)	26dB Bandwidth (MHz)	Verdict
Band2	1.4MHz	QPSK	18607	6RB#0	1.098	1.25	PASS
Band2	1.4MHz	QPSK	18900	6RB#0	1.088	1.22	PASS
Band2	1.4MHz	QPSK	19193	6RB#0	1.098	1.25	PASS
Band2	1.4MHz	16QAM	18607	6RB#0	1.088	1.27	PASS
Band2	1.4MHz	16QAM	18900	6RB#0	1.088	1.23	PASS
Band2	1.4MHz	16QAM	19193	6RB#0	1.088	1.26	PASS
Band2	3MHz	QPSK	18615	15RB#0	2.696	2.88	PASS
Band2	3MHz	QPSK	18900	15RB#0	2.696	2.88	PASS
Band2	3MHz	QPSK	19185	15RB#0	2.696	2.88	PASS
Band2	3MHz	16QAM	18615	15RB#0	2.696	2.87	PASS
Band2	3MHz	16QAM	18900	15RB#0	2.696	2.91	PASS
Band2	3MHz	16QAM	19185	15RB#0	2.705	2.86	PASS
Band2	5MHz	QPSK	18625	25RB#0	4.496	4.79	PASS
Band2	5MHz	QPSK	18900	25RB#0	4.496	4.78	PASS
Band2	5MHz	QPSK	19175	25RB#0	4.496	4.78	PASS
Band2	5MHz	16QAM	18625	25RB#0	4.505	4.78	PASS
Band2	5MHz	16QAM	18900	25RB#0	4.496	4.78	PASS
Band2	5MHz	16QAM	19175	25RB#0	4.505	4.77	PASS
Band2	10MHz	QPSK	18650	50RB#0	8.918	9.30	PASS
Band2	10MHz	QPSK	18900	50RB#0	8.952	9.53	PASS
Band2	10MHz	QPSK	19150	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	18650	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	18900	50RB#0	8.952	9.53	PASS
Band2	10MHz	16QAM	19150	50RB#0	8.952	9.53	PASS
Band2	15MHz	QPSK	18675	75RB#0	13.428	14.30	PASS
Band2	15MHz	QPSK	18900	75RB#0	13.428	14.30	PASS
Band2	15MHz	QPSK	19125	75RB#0	13.378	14.05	PASS
Band2	15MHz	16QAM	18675	75RB#0	13.428	14.30	PASS
Band2	15MHz	16QAM	18900	75RB#0	13.428	14.30	PASS
Band2	15MHz	16QAM	19125	75RB#0	13.428	14.25	PASS
Band2	20MHz	QPSK	18700	100RB#0	17.903	19.33	PASS
Band2	20MHz	QPSK	18900	100RB#0	17.97	19.27	PASS
Band2	20MHz	QPSK	19100	100RB#0	17.903	18.93	PASS

Band2	20MHz	16QAM	18700	100RB#0	17.903	19.27	PASS
Band2	20MHz	16QAM	18900	100RB#0	17.97	19.33	PASS
Band2	20MHz	16QAM	19100	100RB#0	17.903	19.20	PASS
Band4	1.4MHz	QPSK	19957	6RB#0	1.088	1.26	PASS
Band4	1.4MHz	QPSK	20175	6RB#0	1.083	1.22	PASS
Band4	1.4MHz	QPSK	20393	6RB#0	1.098	1.25	PASS
Band4	1.4MHz	16QAM	19957	6RB#0	1.088	1.23	PASS
Band4	1.4MHz	16QAM	20175	6RB#0	1.088	1.21	PASS
Band4	1.4MHz	16QAM	20393	6RB#0	1.088	1.25	PASS
Band4	3MHz	QPSK	19965	15RB#0	2.696	2.87	PASS
Band4	3MHz	QPSK	20175	15RB#0	2.696	2.88	PASS
Band4	3MHz	QPSK	20385	15RB#0	2.696	2.87	PASS
Band4	3MHz	16QAM	19965	15RB#0	2.696	2.90	PASS
Band4	3MHz	16QAM	20175	15RB#0	2.696	2.91	PASS
Band4	3MHz	16QAM	20385	15RB#0	2.696	2.88	PASS
Band4	5MHz	QPSK	19975	25RB#0	4.496	4.79	PASS
Band4	5MHz	QPSK	20175	25RB#0	4.505	4.79	PASS
Band4	5MHz	QPSK	20375	25RB#0	4.496	4.78	PASS
Band4	5MHz	16QAM	19975	25RB#0	4.515	4.78	PASS
Band4	5MHz	16QAM	20175	25RB#0	4.496	4.80	PASS
Band4	5MHz	16QAM	20375	25RB#0	4.505	4.78	PASS
Band4	10MHz	QPSK	20000	50RB#0	8.918	9.27	PASS
Band4	10MHz	QPSK	20175	50RB#0	8.952	9.53	PASS
Band4	10MHz	QPSK	20350	50RB#0	8.985	9.53	PASS
Band4	10MHz	16QAM	20000	50RB#0	8.952	9.53	PASS
Band4	10MHz	16QAM	20175	50RB#0	8.985	9.53	PASS
Band4	10MHz	16QAM	20350	50RB#0	8.952	9.53	PASS
Band4	15MHz	QPSK	20025	75RB#0	13.478	14.30	PASS
Band4	15MHz	QPSK	20175	75RB#0	13.428	14.30	PASS
Band4	15MHz	QPSK	20325	75RB#0	13.478	14.30	PASS
Band4	15MHz	16QAM	20025	75RB#0	13.428	14.30	PASS
Band4	15MHz	16QAM	20175	75RB#0	13.428	14.30	PASS
Band4	15MHz	16QAM	20325	75RB#0	13.428	14.30	PASS
Band4	20MHz	QPSK	20050	100RB#0	17.97	19.33	PASS
Band4	20MHz	QPSK	20175	100RB#0	17.97	19.33	PASS
Band4	20MHz	QPSK	20300	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20050	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20175	100RB#0	17.97	19.33	PASS
Band4	20MHz	16QAM	20300	100RB#0	17.97	19.33	PASS
Band5	1.4MHz	QPSK	20407	6RB#0	1.098	1.26	PASS
Band5	1.4MHz	QPSK	20525	6RB#0	1.088	1.24	PASS
Band5	1.4MHz	QPSK	20643	6RB#0	1.088	1.24	PASS
Band5	1.4MHz	16QAM	20407	6RB#0	1.088	1.25	PASS

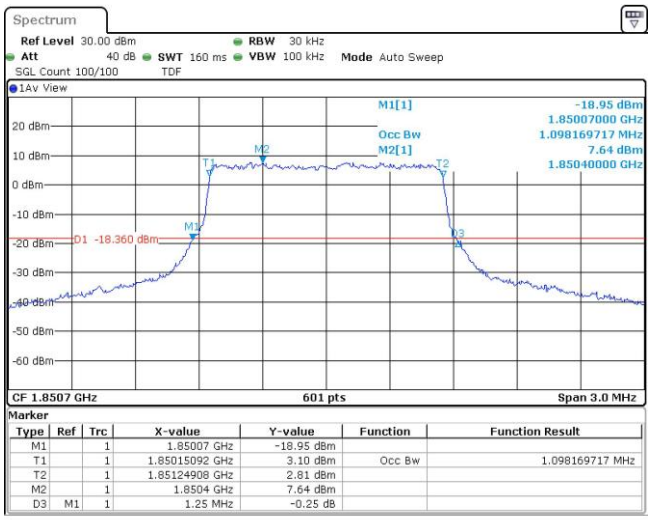
Band5	1.4MHz	16QAM	20525	6RB#0	1.088	1.23	PASS
Band5	1.4MHz	16QAM	20643	6RB#0	1.088	1.24	PASS
Band5	3MHz	QPSK	20415	15RB#0	2.696	2.87	PASS
Band5	3MHz	QPSK	20525	15RB#0	2.696	2.87	PASS
Band5	3MHz	QPSK	20635	15RB#0	2.696	2.88	PASS
Band5	3MHz	16QAM	20415	15RB#0	2.696	2.91	PASS
Band5	3MHz	16QAM	20525	15RB#0	2.696	2.88	PASS
Band5	3MHz	16QAM	20635	15RB#0	2.696	2.87	PASS
Band5	5MHz	QPSK	20425	25RB#0	4.496	4.80	PASS
Band5	5MHz	QPSK	20525	25RB#0	4.486	4.78	PASS
Band5	5MHz	QPSK	20625	25RB#0	4.496	4.79	PASS
Band5	5MHz	16QAM	20425	25RB#0	4.505	4.79	PASS
Band5	5MHz	16QAM	20525	25RB#0	4.496	4.78	PASS
Band5	5MHz	16QAM	20625	25RB#0	4.505	4.78	PASS
Band5	10MHz	QPSK	20450	50RB#0	8.985	9.57	PASS
Band5	10MHz	QPSK	20525	50RB#0	8.952	9.53	PASS
Band5	10MHz	QPSK	20600	50RB#0	8.985	9.53	PASS
Band5	10MHz	16QAM	20450	50RB#0	8.985	9.53	PASS
Band5	10MHz	16QAM	20525	50RB#0	8.952	9.53	PASS
Band5	10MHz	16QAM	20600	50RB#0	8.985	9.53	PASS
Band12	1.4MHz	QPSK	23017	6RB#0	1.093	1.24	PASS
Band12	1.4MHz	QPSK	23095	6RB#0	1.088	1.25	PASS
Band12	1.4MHz	QPSK	23173	6RB#0	1.093	1.22	PASS
Band12	1.4MHz	16QAM	23017	6RB#0	1.088	1.25	PASS
Band12	1.4MHz	16QAM	23095	6RB#0	1.088	1.22	PASS
Band12	1.4MHz	16QAM	23173	6RB#0	1.088	1.24	PASS
Band12	3MHz	QPSK	23025	15RB#0	2.686	2.86	PASS
Band12	3MHz	QPSK	23095	15RB#0	2.705	2.87	PASS
Band12	3MHz	QPSK	23165	15RB#0	2.705	2.87	PASS
Band12	3MHz	16QAM	23025	15RB#0	2.696	2.86	PASS
Band12	3MHz	16QAM	23095	15RB#0	2.696	2.88	PASS
Band12	3MHz	16QAM	23165	15RB#0	2.705	2.89	PASS
Band12	5MHz	QPSK	23035	25RB#0	4.496	4.78	PASS
Band12	5MHz	QPSK	23095	25RB#0	4.496	4.78	PASS
Band12	5MHz	QPSK	23155	25RB#0	4.505	4.78	PASS
Band12	5MHz	16QAM	23035	25RB#0	4.496	4.77	PASS
Band12	5MHz	16QAM	23095	25RB#0	4.505	4.77	PASS
Band12	5MHz	16QAM	23155	25RB#0	4.515	4.78	PASS
Band12	10MHz	QPSK	23060	50RB#0	8.985	9.53	PASS
Band12	10MHz	QPSK	23095	50RB#0	8.985	9.47	PASS
Band12	10MHz	QPSK	23130	50RB#0	8.918	9.53	PASS
Band12	10MHz	16QAM	23060	50RB#0	8.985	9.53	PASS
Band12	10MHz	16QAM	23095	50RB#0	8.952	9.53	PASS

Band12	10MHz	16QAM	23130	50RB#0	8.918	9.53	PASS
Band13	5MHz	QPSK	23205	25RB#0	4.486	4.79	PASS
Band13	5MHz	QPSK	23230	25RB#0	4.496	4.78	PASS
Band13	5MHz	QPSK	23255	25RB#0	4.486	4.79	PASS
Band13	5MHz	16QAM	23205	25RB#0	4.496	4.79	PASS
Band13	5MHz	16QAM	23230	25RB#0	4.505	4.78	PASS
Band13	5MHz	16QAM	23255	25RB#0	4.505	4.77	PASS
Band13	10MHz	QPSK	23230	50RB#0	8.918	9.53	PASS
Band13	10MHz	16QAM	23230	50RB#0	8.918	9.53	PASS
Band14	5MHz	QPSK	23305	25RB#0	4.496	4.79	PASS
Band14	5MHz	QPSK	23330	25RB#0	4.505	4.78	PASS
Band14	5MHz	QPSK	23355	25RB#0	4.496	4.80	PASS
Band14	5MHz	16QAM	23305	25RB#0	4.505	4.79	PASS
Band14	5MHz	16QAM	23330	25RB#0	4.505	4.78	PASS
Band14	5MHz	16QAM	23355	25RB#0	4.505	4.77	PASS
Band14	10MHz	QPSK	23330	50RB#0	8.952	9.53	PASS
Band14	10MHz	16QAM	23330	50RB#0	8.952	9.53	PASS
Band66	1.4MHz	QPSK	131979	6RB#0	1.093	1.25	PASS
Band66	1.4MHz	QPSK	132322	6RB#0	1.088	1.27	PASS
Band66	1.4MHz	QPSK	132665	6RB#0	1.088	1.25	PASS
Band66	1.4MHz	16QAM	131979	6RB#0	1.088	1.25	PASS
Band66	1.4MHz	16QAM	132322	6RB#0	1.088	1.23	PASS
Band66	1.4MHz	16QAM	132665	6RB#0	1.088	1.26	PASS
Band66	3MHz	QPSK	131987	15RB#0	2.686	2.87	PASS
Band66	3MHz	QPSK	132322	15RB#0	2.696	2.88	PASS
Band66	3MHz	QPSK	132657	15RB#0	2.705	2.90	PASS
Band66	3MHz	16QAM	131987	15RB#0	2.696	2.90	PASS
Band66	3MHz	16QAM	132322	15RB#0	2.696	2.89	PASS
Band66	3MHz	16QAM	132657	15RB#0	2.696	2.89	PASS
Band66	5MHz	QPSK	131997	25RB#0	4.496	4.80	PASS
Band66	5MHz	QPSK	132322	25RB#0	4.496	4.78	PASS
Band66	5MHz	QPSK	132647	25RB#0	4.486	4.82	PASS
Band66	5MHz	16QAM	131997	25RB#0	4.505	4.79	PASS
Band66	5MHz	16QAM	132322	25RB#0	4.515	4.77	PASS
Band66	5MHz	16QAM	132647	25RB#0	4.505	4.78	PASS
Band66	10MHz	QPSK	132022	50RB#0	8.985	9.53	PASS
Band66	10MHz	QPSK	132322	50RB#0	8.952	9.53	PASS
Band66	10MHz	QPSK	132622	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132022	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132322	50RB#0	8.952	9.53	PASS
Band66	10MHz	16QAM	132622	50RB#0	8.952	9.53	PASS
Band66	15MHz	QPSK	132047	75RB#0	13.478	14.30	PASS
Band66	15MHz	QPSK	132322	75RB#0	13.378	14.30	PASS

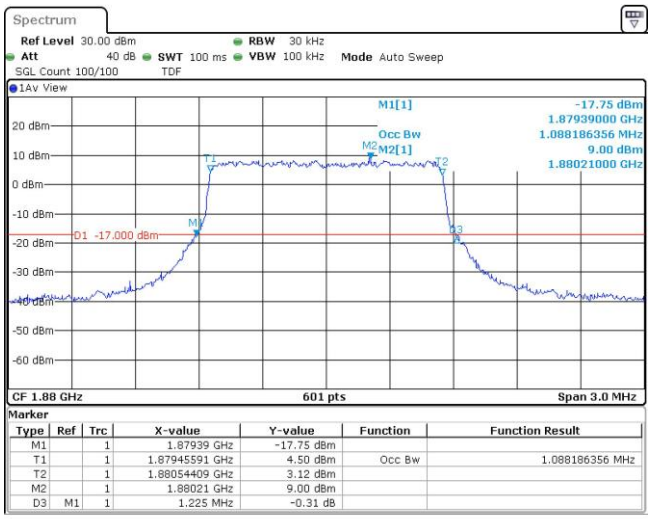
Band66	15MHz	QPSK	132597	75RB#0	13.478	14.30	PASS
Band66	15MHz	16QAM	132047	75RB#0	13.428	14.30	PASS
Band66	15MHz	16QAM	132322	75RB#0	13.428	14.30	PASS
Band66	15MHz	16QAM	132597	75RB#0	13.428	14.30	PASS
Band66	20MHz	QPSK	132072	100RB#0	17.97	19.33	PASS
Band66	20MHz	QPSK	132322	100RB#0	17.97	19.33	PASS
Band66	20MHz	QPSK	132572	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132072	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132322	100RB#0	17.97	19.33	PASS
Band66	20MHz	16QAM	132572	100RB#0	17.97	19.33	PASS
Band71	5MHz	QPSK	133147	25RB#0	4.496	4.78	PASS
Band71	5MHz	QPSK	133297	25RB#0	4.496	4.79	PASS
Band71	5MHz	QPSK	133447	25RB#0	4.496	4.78	PASS
Band71	5MHz	16QAM	133147	25RB#0	4.505	4.78	PASS
Band71	5MHz	16QAM	133297	25RB#0	4.505	4.80	PASS
Band71	5MHz	16QAM	133447	25RB#0	4.505	4.77	PASS
Band71	10MHz	QPSK	133172	50RB#0	8.985	9.60	PASS
Band71	10MHz	QPSK	133297	50RB#0	8.952	9.53	PASS
Band71	10MHz	QPSK	133422	50RB#0	8.918	9.53	PASS
Band71	10MHz	16QAM	133172	50RB#0	8.985	9.53	PASS
Band71	10MHz	16QAM	133297	50RB#0	8.985	9.53	PASS
Band71	10MHz	16QAM	133422	50RB#0	8.918	9.53	PASS
Band71	15MHz	QPSK	133197	75RB#0	13.478	14.30	PASS
Band71	15MHz	QPSK	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	QPSK	133397	75RB#0	13.428	14.30	PASS
Band71	15MHz	16QAM	133197	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133297	75RB#0	13.478	14.30	PASS
Band71	15MHz	16QAM	133397	75RB#0	13.428	14.30	PASS
Band71	20MHz	QPSK	133222	100RB#0	17.97	19.27	PASS
Band71	20MHz	QPSK	133322	100RB#0	18.037	19.33	PASS
Band71	20MHz	QPSK	133372	100RB#0	17.903	19.27	PASS
Band71	20MHz	16QAM	133222	100RB#0	17.97	19.20	PASS
Band71	20MHz	16QAM	133322	100RB#0	18.037	19.33	PASS
Band71	20MHz	16QAM	133372	100RB#0	17.903	19.27	PASS

Test Graphs

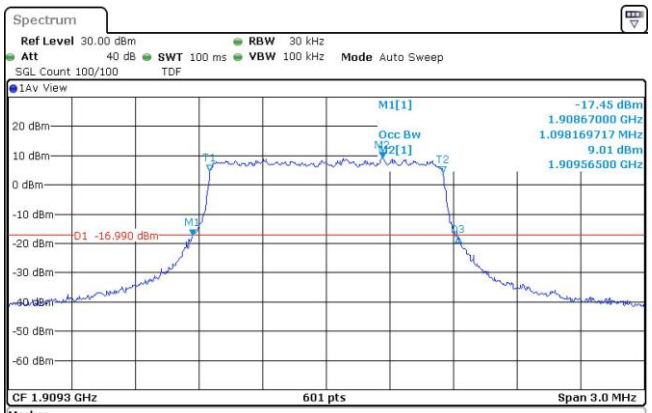
Band2-1.4MHz-QPSK-18607-6RB#0



Band2-1.4MHz-QPSK-18900-6RB#0

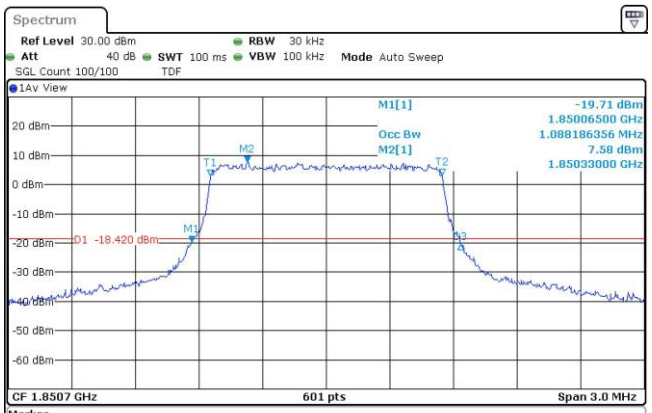


Band2-1.4MHz-QPSK-19193-6RB#0



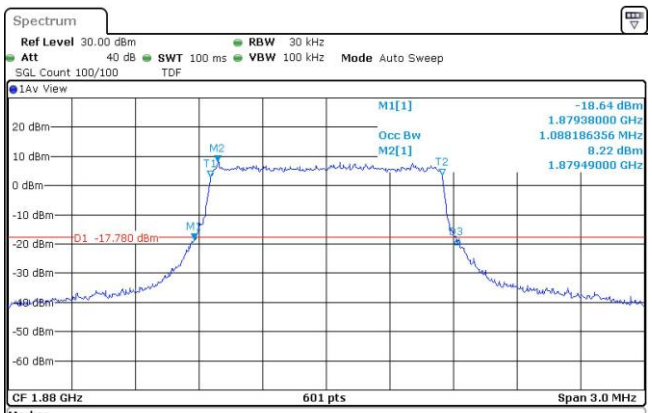
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90867 GHz	-17.45 dBm		
T1		1	1.90875092 GHz	4.72 dBm	Occ Bw	1.098169717 MHz
T2		1	1.90984908 GHz	3.99 dBm		
M2		1	1.909565 GHz	9.01 dBm		
D3	M1	1	1.25 MHz	-0.34 dB		

Band2-1.4MHz-16QAM-18607-6RB#0



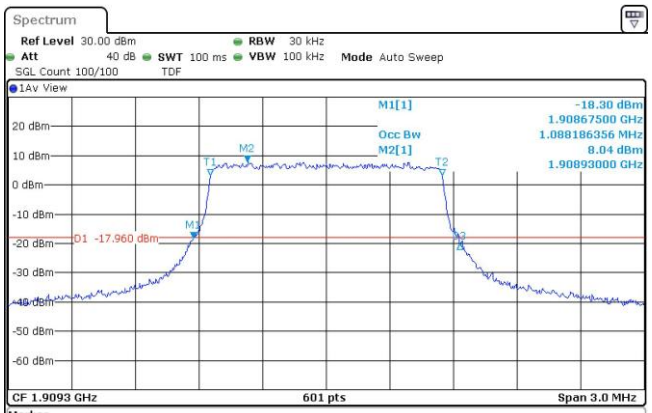
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.850065 GHz	-19.71 dBm		
T1		1	1.85015591 GHz	3.05 dBm	Occ Bw	1.088186356 MHz
T2		1	1.85124409 GHz	3.23 dBm		
M2		1	1.85033 GHz	7.58 dBm		
D3	M1	1	1.27 MHz	-0.44 dB		

Band2-1.4MHz-16QAM-18900-6RB#0



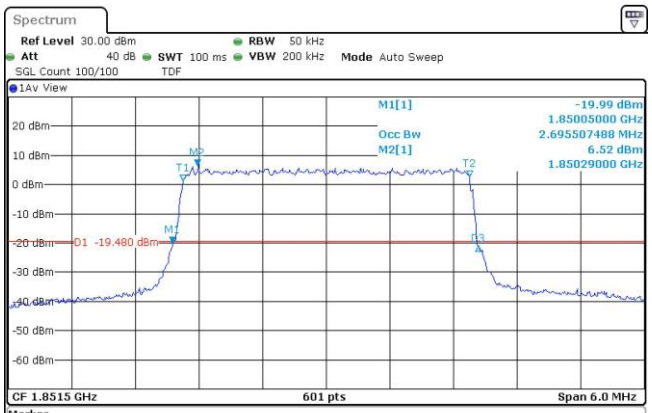
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87938 GHz	-18.64 dBm		
T1		1	1.87945591 GHz	2.97 dBm	Occ Bw	1.088186356 MHz
T2		1	1.88054409 GHz	3.47 dBm		
M2		1	1.87949 GHz	8.22 dBm		
D3	M1	1	1.235 MHz	0.33 dB		

Band2-1.4MHz-16QAM-19193-6RB#0



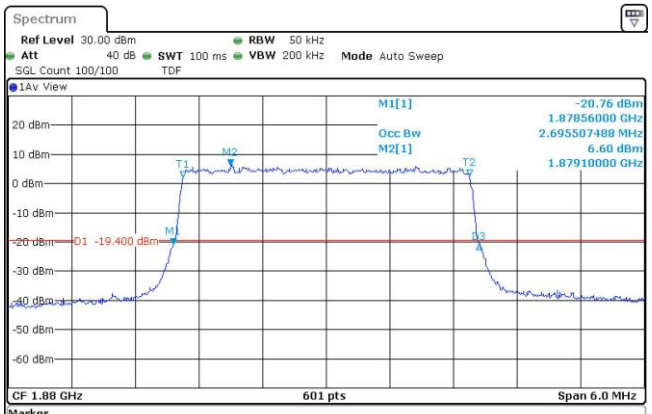
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.908675 GHz	-18.30 dBm		
T1		1	1.90875591 GHz	3.35 dBm	Occ Bw	1.088186356 MHz
T2		1	1.90984409 GHz	3.30 dBm		
M2		1	1.90893 GHz	8.04 dBm		
D3	M1	1	1.255 MHz	-1.62 dB		

Band2-3MHz-QPSK-18615-15RB#0



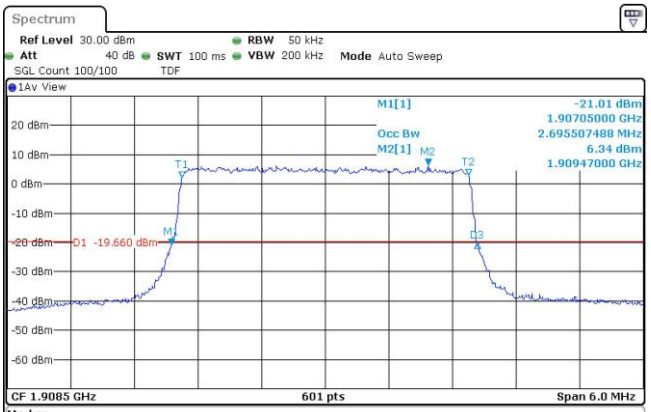
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85005 GHz	-19.99 dBm		
T1		1	1.8501522 GHz	1.34 dBm	Occ Bw	2.695507488 MHz
T2		1	1.8528478 GHz	2.58 dBm		
M2		1	1.85029 GHz	6.52 dBm		
D3	M1	1	2.88 MHz	-0.97 dB		

Band2-3MHz-QPSK-18900-15RB#0



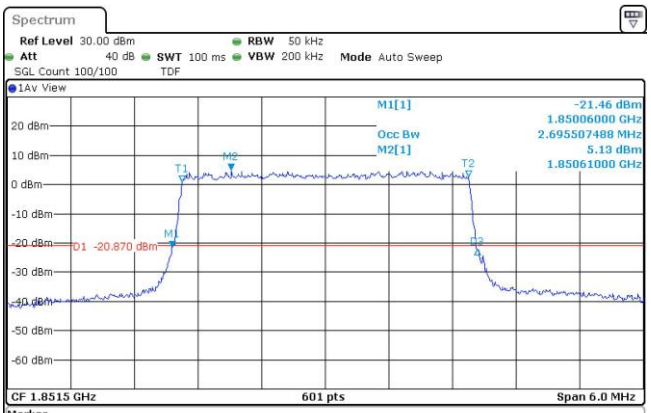
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87856 GHz	-20.76 dBm		
T1		1	1.8786522 GHz	2.10 dBm	Occ Bw	2.695507488 MHz
T2		1	1.8813478 GHz	2.55 dBm		
M2		1	1.8791 GHz	6.60 dBm		
D3	M1	1	2.88 MHz	0.30 dB		

Band2-3MHz-QPSK-19185-15RB#0



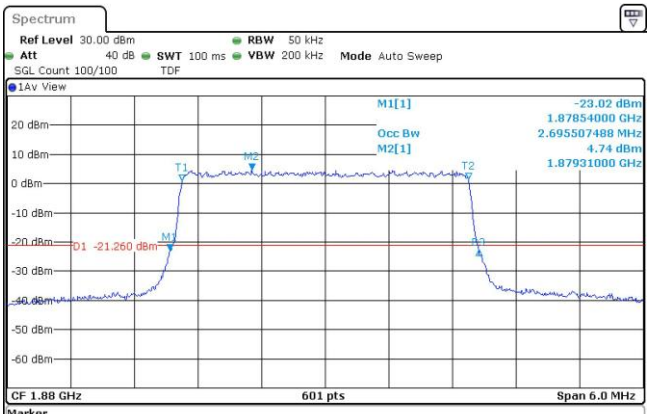
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90705 GHz	-21.01 dBm		
T1		1	1.9071522 GHz	2.17 dBm	Occ Bw	2.695507488 MHz
T2		1	1.9098478 GHz	3.06 dBm		
M2		1	1.90947 GHz	6.34 dBm		
D3	M1	1	2.88 MHz	1.03 dB		

Band2-3MHz-16QAM-18615-15RB#0



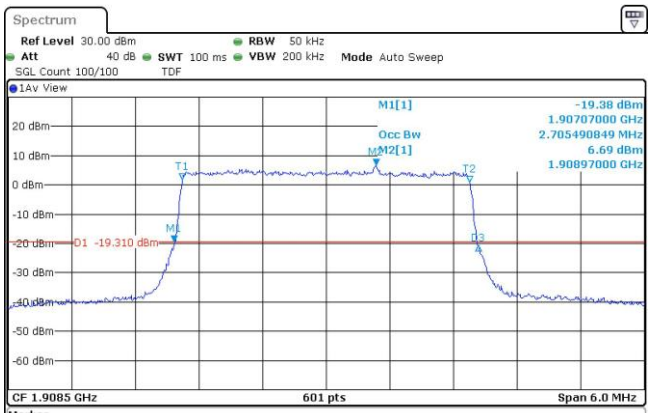
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85006 GHz	-21.46 dBm		
T1		1	1.8501522 GHz	0.82 dBm	Occ Bw	2.695507488 MHz
T2		1	1.8528478 GHz	2.60 dBm		
M2		1	1.85061 GHz	5.13 dBm		
D3	M1	1	2.87 MHz	-0.51 dB		

Band2-3MHz-16QAM-18900-15RB#0



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87854 GHz	-23.02 dBm		
T1		1	1.8786522 GHz	0.84 dBm	Occ Bw	2.695507488 MHz
T2		1	1.8813478 GHz	1.61 dBm		
M2		1	1.87931 GHz	4.74 dBm		
D3	M1	1	2.91 MHz	0.40 dB		

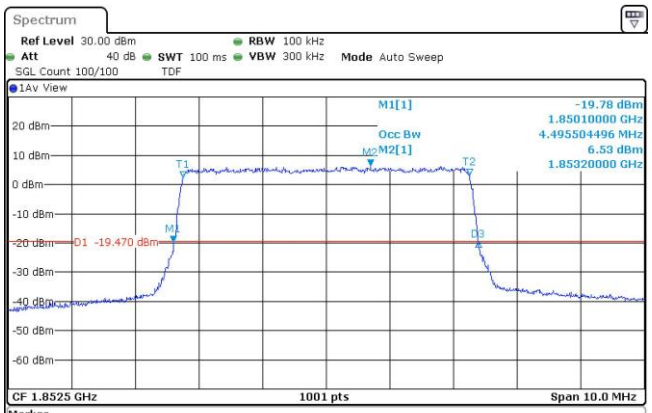
Band2-3MHz-16QAM-19185-15RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90707 GHz	-19.38 dBm		
T1		1	1.9071423 GHz	1.73 dBm	Occ Bw	2.705490849 MHz
T2		1	1.9098478 GHz	0.94 dBm		
M2		1	1.90897 GHz	6.69 dBm		
D3	M1	1	2.86 MHz	-1.23 dB		

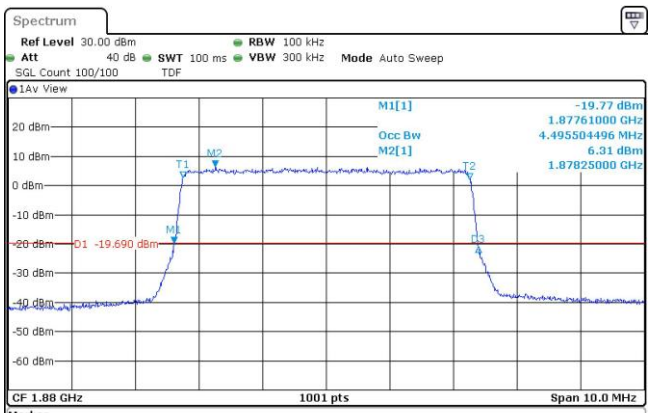
Band2-5MHz-QPSK-18625-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8501 GHz	-19.78 dBm		
T1		1	1.8502522 GHz	2.32 dBm	Occ Bw	4.495504496 MHz
T2		1	1.8547478 GHz	3.27 dBm		
M2		1	1.8532 GHz	6.53 dBm		
D3	M1	1	4.79 MHz	0.27 dB		

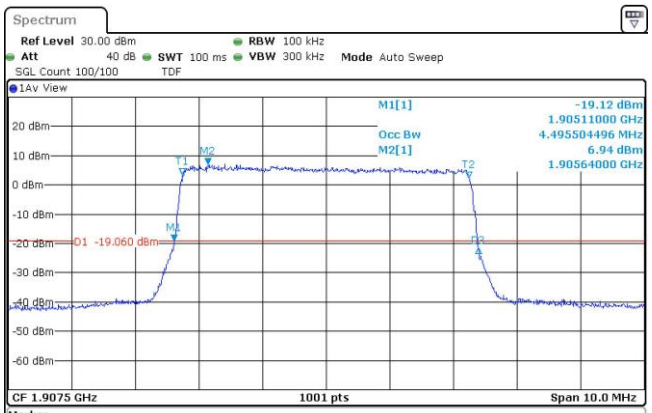
Band2-5MHz-QPSK-18900-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87761 GHz	-19.77 dBm		
T1		1	1.8777522 GHz	2.73 dBm	Occ Bw	4.495504496 MHz
T2		1	1.8822478 GHz	2.05 dBm		
M2		1	1.87825 GHz	6.31 dBm		
D3	M1	1	4.78 MHz	-1.06 dB		

Band2-5MHz-QPSK-19175-25RB#0



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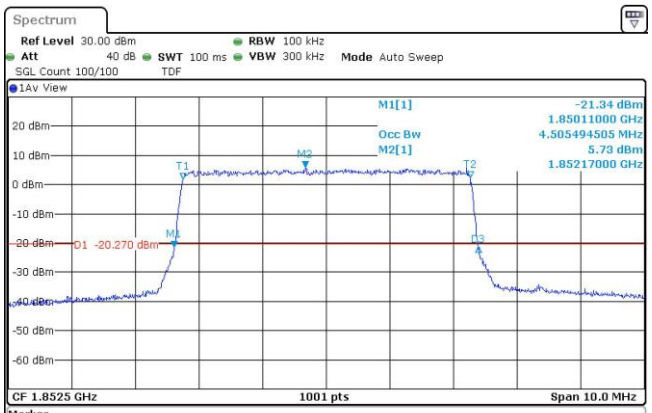
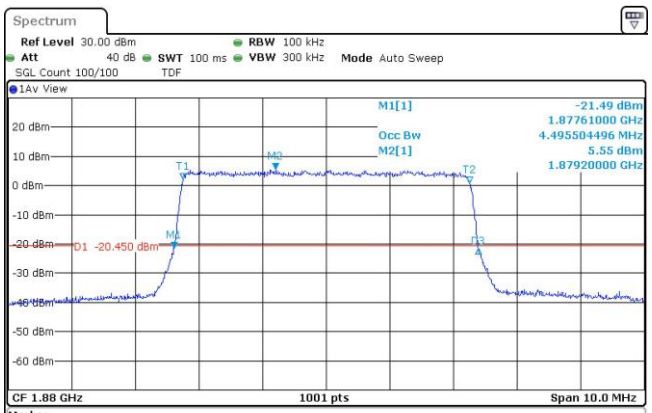
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90511 GHz	-19.12 dBm		
T1		1	1.9052423 GHz	3.47 dBm	Occ Bw	4.495504496 MHz
T2		1	1.9097378 GHz	2.27 dBm		
M2		1	1.90564 GHz	6.94 dBm		
D3	M1	1	4.78 MHz	-2.40 dB		

Band2-5MHz-16QAM-18625-25RB#0



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85011 GHz	-21.34 dBm		
T1		1	1.8502522 GHz	1.94 dBm	Occ Bw	4.505494505 MHz
T2		1	1.8547577 GHz	2.40 dBm		
M2		1	1.85217 GHz	5.73 dBm		
D3	M1	1	4.78 MHz	0.30 dB		

Band2-5MHz-16QAM-18900-25RB#0



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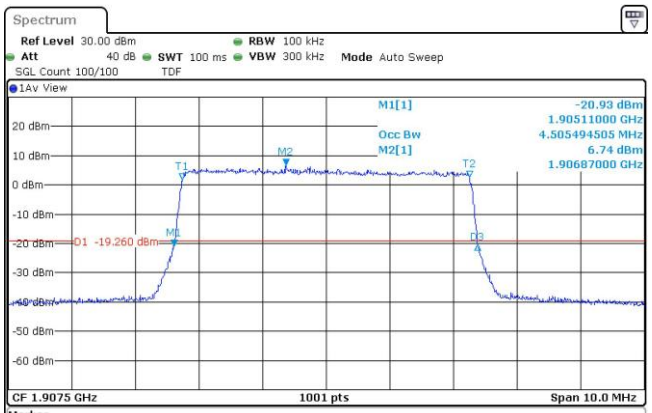
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87761 GHz	-21.49 dBm		
T1		1	1.8777522 GHz	2.13 dBm	Occ Bw	4.495504496 MHz
T2		1	1.8822478 GHz	0.88 dBm		
M2		1	1.8792 GHz	5.55 dBm		
D3	M1	1	4.78 MHz	0.16 dB		

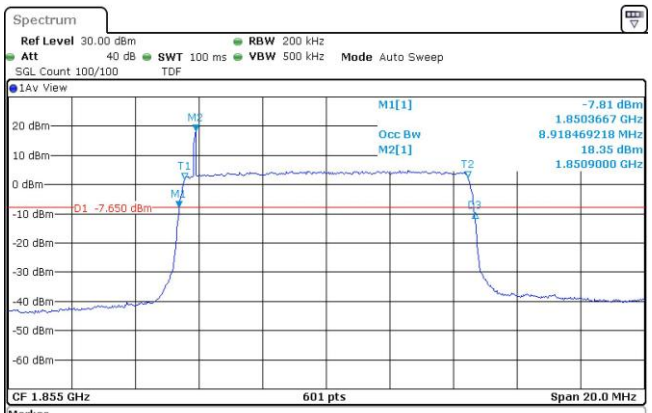
Band2-5MHz-16QAM-19175-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.90511 GHz	-20.93 dBm		
T1		1	1.9052423 GHz	1.72 dBm	Occ Bw	4.505494505 MHz
T2		1	1.9097478 GHz	2.54 dBm		
M2		1	1.90687 GHz	6.74 dBm		
D3	M1	1	4.77 MHz	0.51 dB		

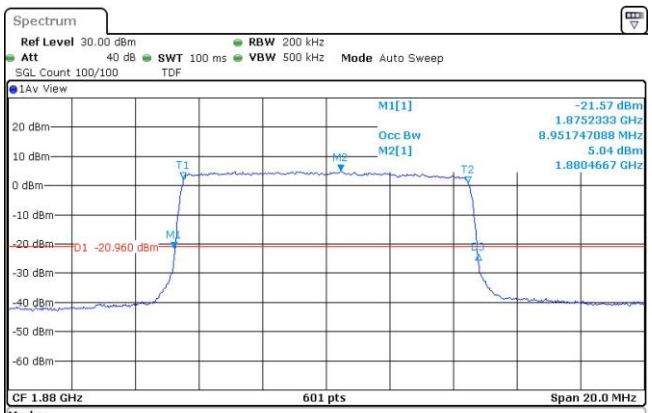
Band2-10MHz-QPSK-18650-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8503667 GHz	-7.81 dBm		
T1		1	1.8505408 GHz	1.70 dBm	Occ Bw	8.918469218 MHz
T2		1	1.8594592 GHz	2.50 dBm		
M2		1	1.8509 GHz	18.35 dBm		
D3	M1	1	9.3 MHz	-1.68 dB		

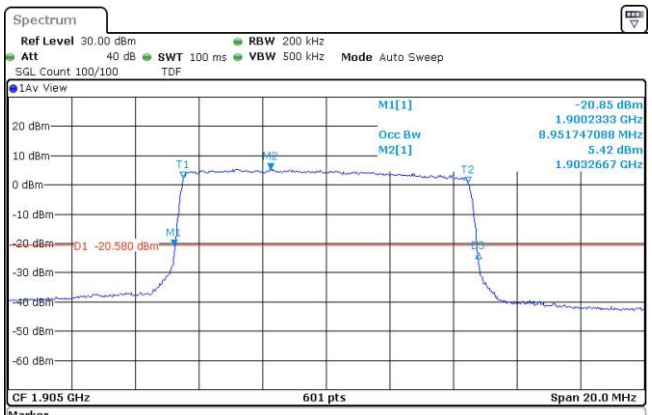
Band2-10MHz-QPSK-18900-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8752333 GHz	-21.57 dBm		
T1		1	1.8755075 GHz	2.43 dBm	Occ Bw	8.951747088 MHz
T2		1	1.8844592 GHz	1.02 dBm		
M2		1	1.8804667 GHz	5.04 dBm		
D3	M1	1	9.5333 MHz	-1.95 dB		

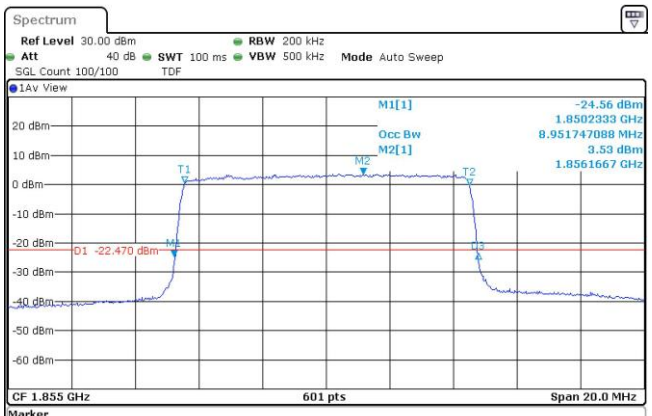
Band2-10MHz-QPSK-19150-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9002333 GHz	-20.85 dBm		
T1		1	1.9005075 GHz	2.38 dBm	Occ Bw	8.951747088 MHz
T2		1	1.9094592 GHz	0.70 dBm		
M2		1	1.9032667 GHz	5.42 dBm		
D3	M1	1	9.5333 MHz	-2.36 dB		

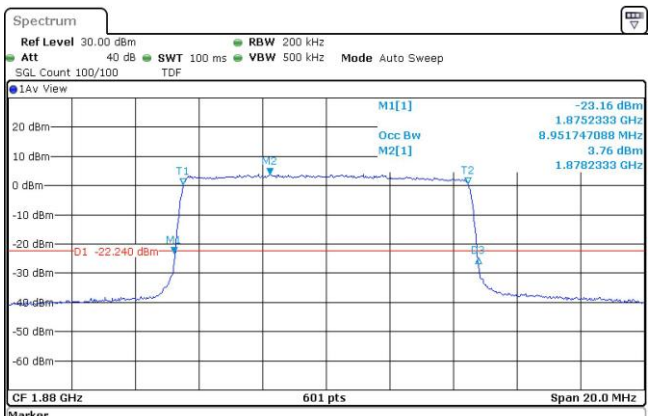
Band2-10MHz-16QAM-18650-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8502333 GHz	-24.56 dBm		
T1		1	1.8505408 GHz	0.59 dBm	Occ Bw	8.951747088 MHz
T2		1	1.8594925 GHz	-0.26 dBm		
M2		1	1.8561667 GHz	3.53 dBm		
D3	M1	1	9.5333 MHz	1.20 dB		

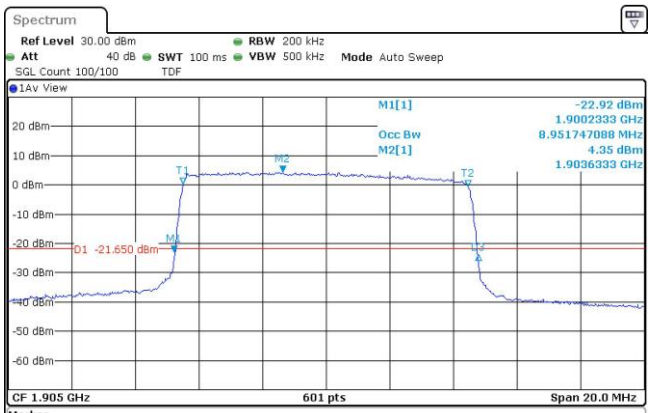
Band2-10MHz-16QAM-18900-50RB#0



Marker

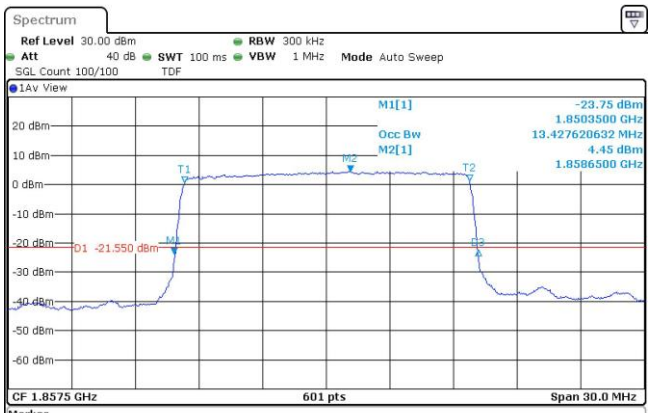
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8752333 GHz	-23.16 dBm		
T1		1	1.8755075 GHz	0.38 dBm	Occ Bw	8.951747088 MHz
T2		1	1.8844592 GHz	0.73 dBm		
M2		1	1.8782333 GHz	3.76 dBm		
D3	M1	1	9.5333 MHz	-1.43 dB		

Band2-10MHz-16QAM-19150-50RB#0



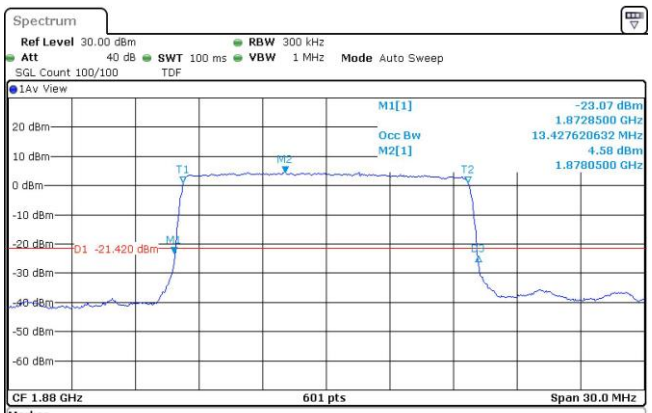
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.9002333 GHz	-22.92 dBm		
T1		1	1.9005075 GHz	0.44 dBm	Occ Bw	8.951747088 MHz
T2		1	1.9094592 GHz	-0.62 dBm		
M2		1	1.9036333 GHz	4.35 dBm		
D3	M1	1	9.5333 MHz	-1.00 dB		

Band2-15MHz-QPSK-18675-75RB#0



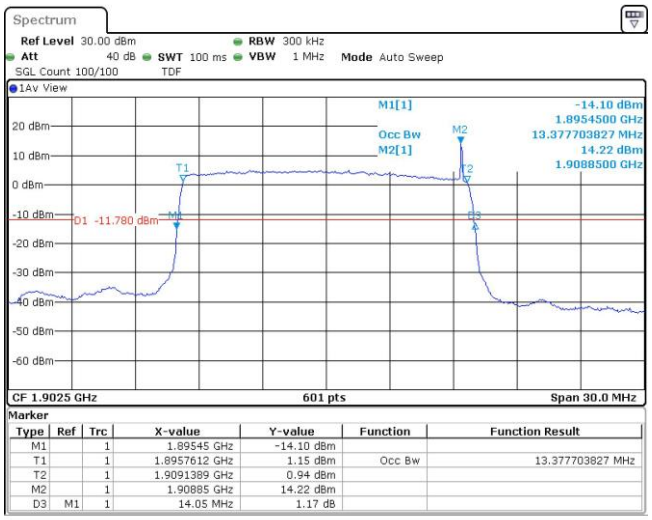
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.85035 GHz	-23.75 dBm		
T1		1	1.8508111 GHz	0.77 dBm	Occ Bw	13.427620632 MHz
T2		1	1.8642388 GHz	1.16 dBm		
M2		1	1.85865 GHz	4.45 dBm		
D3	M1	1	14.3 MHz	1.43 dB		

Band2-15MHz-QPSK-18900-75RB#0

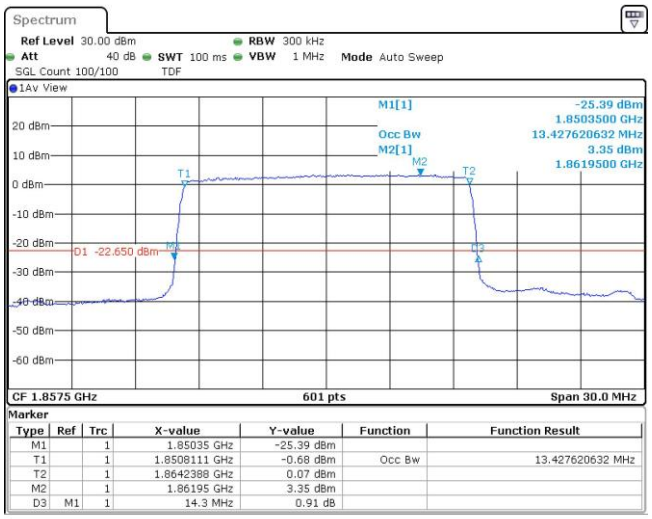


Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.87285 GHz	-23.07 dBm		
T1		1	1.8732612 GHz	1.06 dBm	Occ Bw	13.427620632 MHz
T2		1	1.8866889 GHz	0.89 dBm		
M2		1	1.87805 GHz	4.58 dBm		
D3	M1	1	14.3 MHz	-0.99 dB		

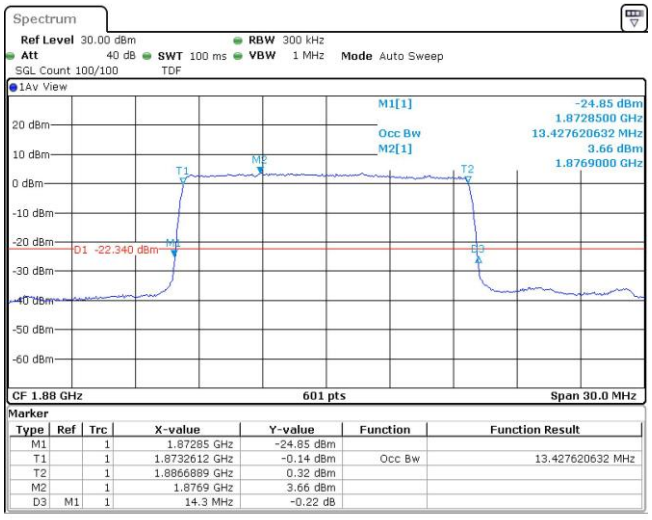
Band2-15MHz-QPSK-19125-75RB#0



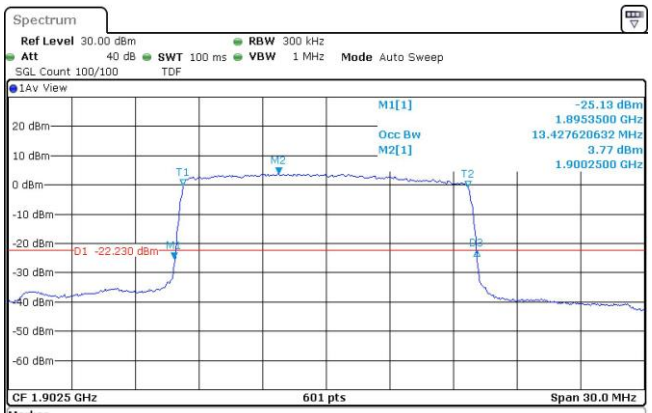
Band2-15MHz-16QAM-18675-75RB#0



Band2-15MHz-16QAM-18900-75RB#0

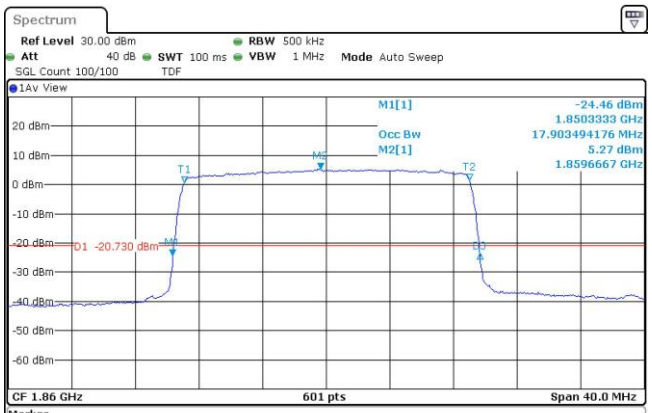


Band2-15MHz-16QAM-19125-75RB#0



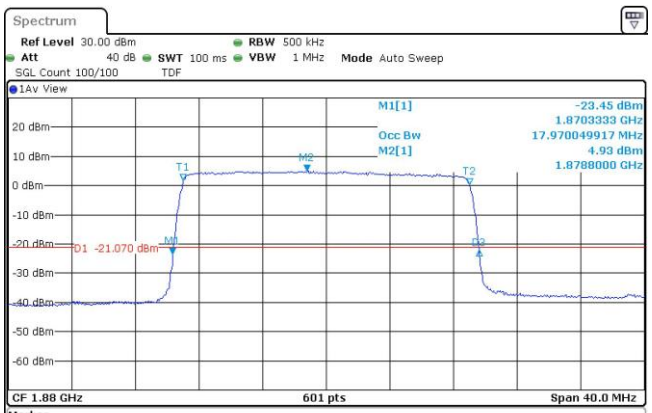
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.89535 GHz	-25.13 dBm		
T1		1	1.8957612 GHz	-0.11 dBm	Occ Bw	13.427620632 MHz
T2		1	1.9091889 GHz	-0.69 dBm		
M2		1	1.90025 GHz	3.77 dBm		
D3	M1	1	14.25 MHz	2.86 dB		

Band2-20MHz-QPSK-18700-100RB#0



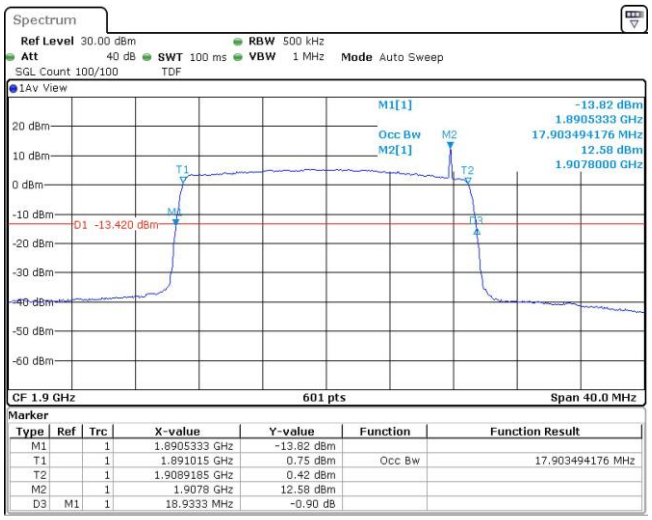
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8503333 GHz	-24.46 dBm		
T1		1	1.8510815 GHz	0.55 dBm	Occ Bw	17.903494176 MHz
T2		1	1.868985 GHz	1.55 dBm		
M2		1	1.8596667 GHz	5.27 dBm		
D3	M1	1	19.3333 MHz	0.95 dB		

Band2-20MHz-QPSK-18900-100RB#0



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.8703333 GHz	-23.45 dBm		
T1		1	1.871015 GHz	1.67 dBm	Occ Bw	17.970049917 MHz
T2		1	1.888985 GHz	0.40 dBm		
M2		1	1.8788 GHz	4.93 dBm		
D3	M1	1	19.2667 MHz	2.37 dB		

Band2-20MHz-QPSK-19100-100RB#0



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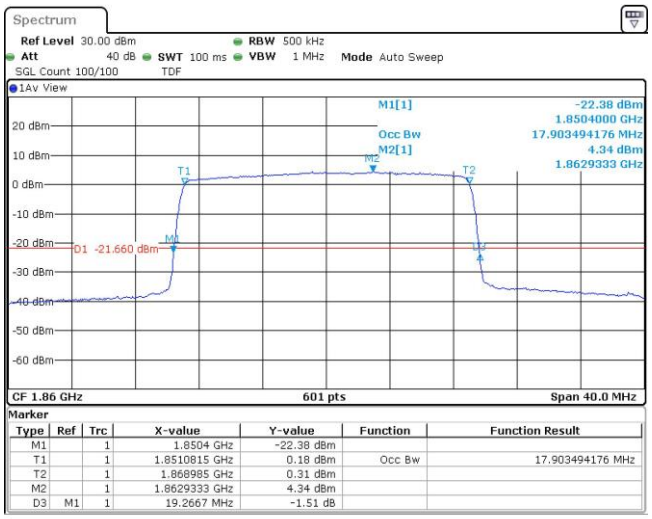
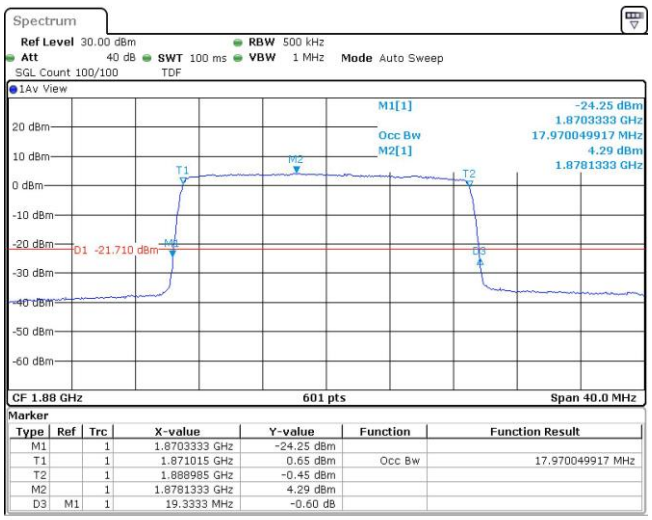
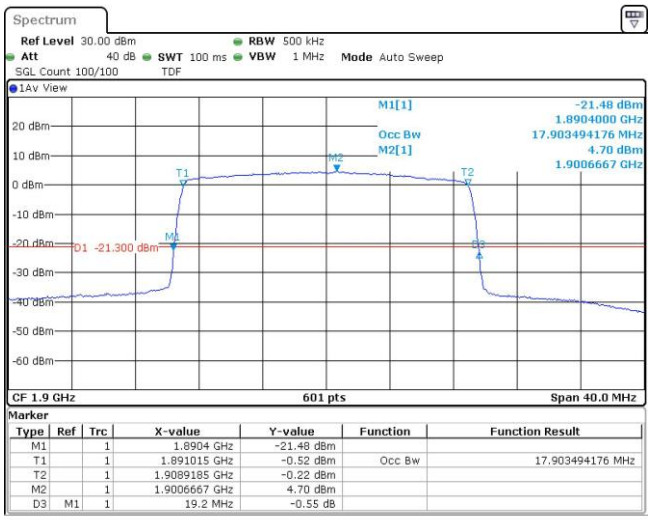


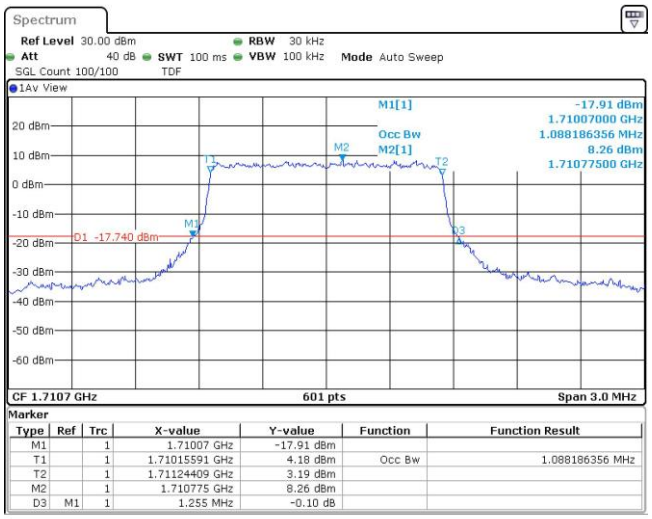
Band2-20MHz-16QAM-18900-100RB#0



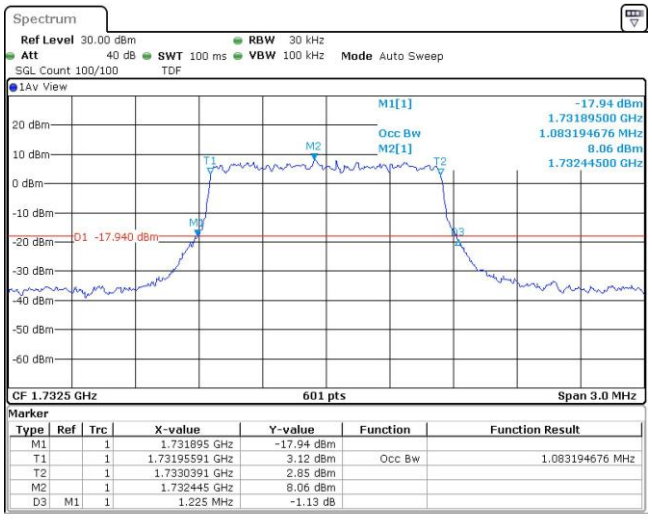
Band2-20MHz-16QAM-19100-100RB#0



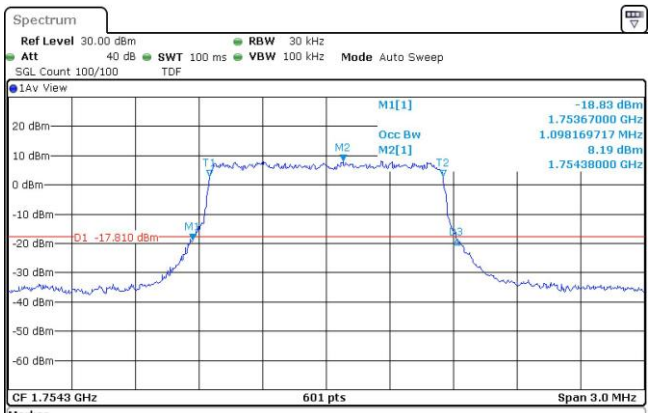
Band4-1.4MHz-QPSK-19957-6RB#0



Band4-1.4MHz-QPSK-20175-6RB#0

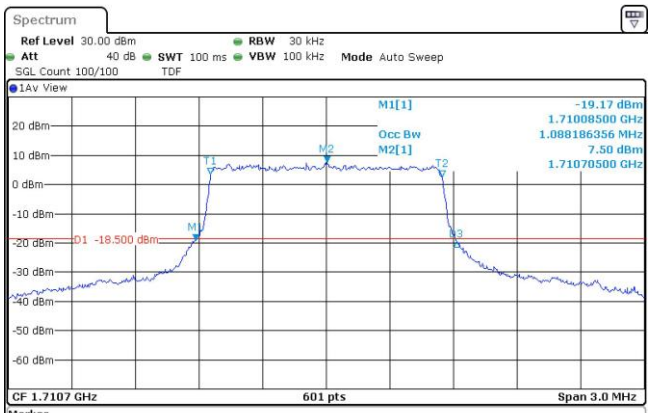


Band4-1.4MHz-QPSK-20393-6RB#0



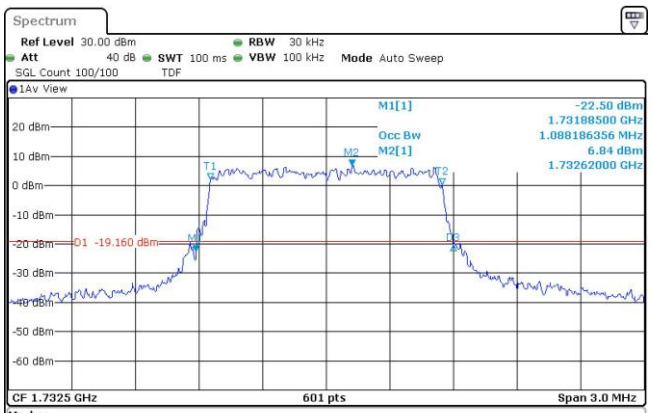
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75367 GHz	-18.83 dBm		
T1		1	1.75375092 GHz	2.82 dBm	Occ Bw	1.098169717 MHz
T2		1	1.75484908 GHz	2.84 dBm		
M2		1	1.75438 GHz	8.19 dBm		
D3	M1	1	1.245 MHz	0.40 dB		

Band4-1.4MHz-16QAM-19957-6RB#0



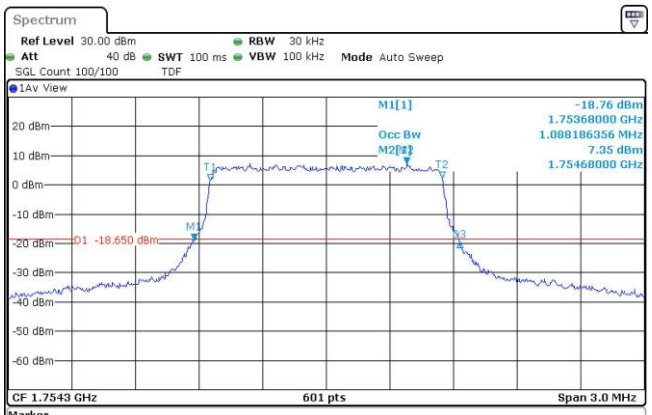
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.710085 GHz	-19.17 dBm		
T1		1	1.71015591 GHz	3.68 dBm	Occ Bw	1.088186356 MHz
T2		1	1.71124409 GHz	2.54 dBm		
M2		1	1.710705 GHz	7.50 dBm		
D3	M1	1	1.23 MHz	-0.15 dB		

Band4-1.4MHz-16QAM-20175-6RB#0



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.731885 GHz	-22.50 dBm		
T1		1	1.73195591 GHz	2.18 dBm	Occ Bw	1.088186356 MHz
T2		1	1.73304409 GHz	0.45 dBm		
M2		1	1.73262 GHz	6.84 dBm		
D3	M1	1	1.215 MHz	2.18 dB		

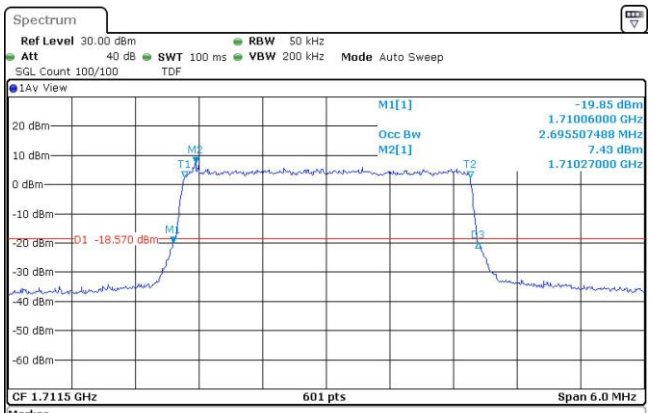
Band4-1.4MHz-16QAM-20393-6RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75368 GHz	-18.76 dBm		
T1		1	1.75375591 GHz	1.48 dBm	Occ Bw	1.088186356 MHz
T2		1	1.75484409 GHz	2.43 dBm		
M2		1	1.75468 GHz	7.35 dBm		
D3	M1	1	1.25 MHz	-0.61 dB		

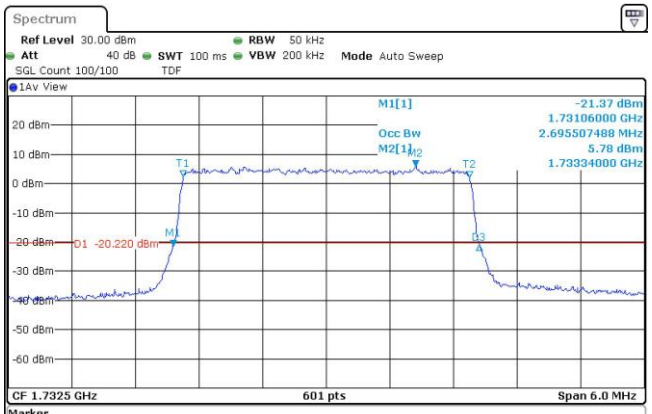
Band4-3MHz-QPSK-19965-15RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71006 GHz	-19.85 dBm		
T1		1	1.7101622 GHz	2.46 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7128577 GHz	2.45 dBm		
M2		1	1.71027 GHz	7.43 dBm		
D3	M1	1	2.87 MHz	0.25 dB		

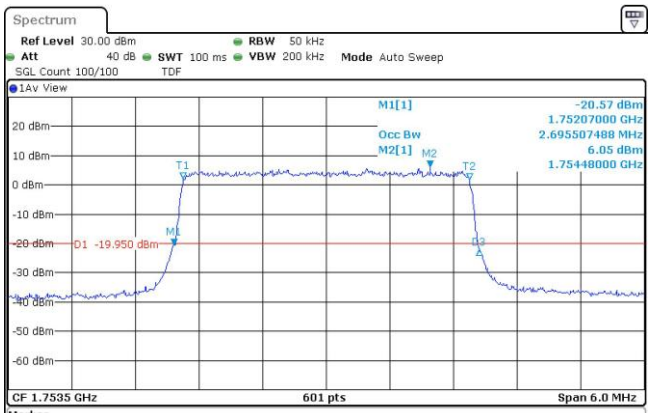
Band4-3MHz-QPSK-20175-15RB#0



Marker

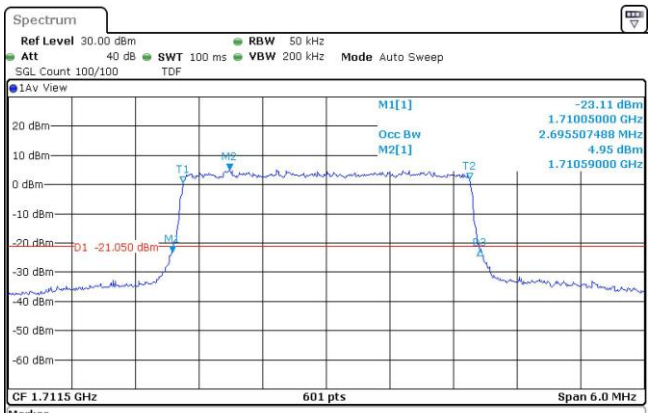
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73106 GHz	-21.37 dBm		
T1		1	1.7311522 GHz	2.51 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7338478 GHz	2.16 dBm		
M2		1	1.73334 GHz	5.78 dBm		
D3	M1	1	2.88 MHz	0.69 dB		

Band4-3MHz-QPSK-20385-15RB#0



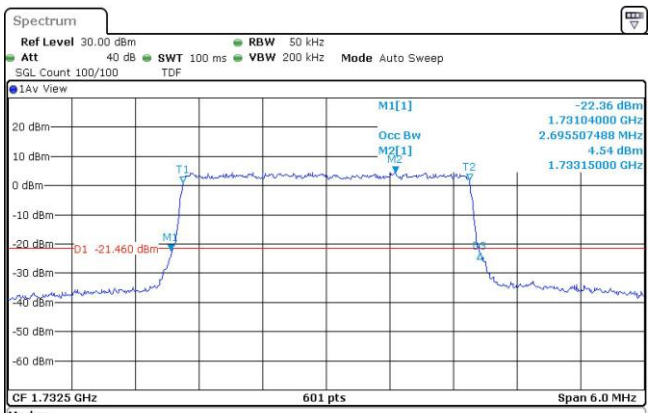
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75207 GHz	-20.57 dBm		
T1		1	1.7521522 GHz	2.14 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7548478 GHz	1.91 dBm		
M2		1	1.75448 GHz	6.05 dBm		
D3	M1	1	2.87 MHz	-1.27 dB		

Band4-3MHz-16QAM-19965-15RB#0



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71005 GHz	-23.11 dBm		
T1		1	1.7101522 GHz	0.51 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7128478 GHz	1.70 dBm		
M2		1	1.71059 GHz	4.95 dBm		
D3	M1	1	2.9 MHz	0.66 dB		

Band4-3MHz-16QAM-20175-15RB#0



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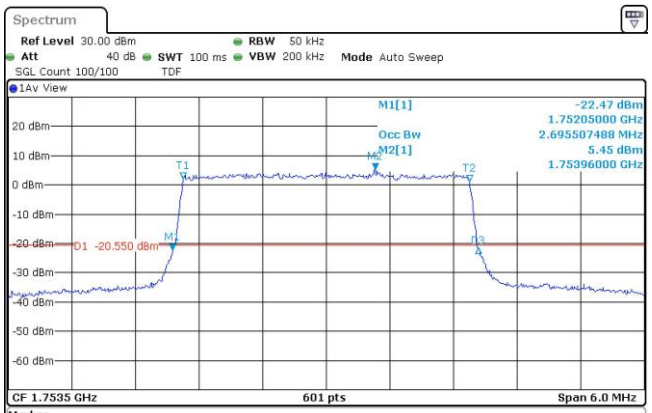
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.73104 GHz	-22.36 dBm		
T1		1	1.7311522 GHz	0.94 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7338478 GHz	1.66 dBm		
M2		1	1.73315 GHz	4.54 dBm		
D3	M1	1	2.91 MHz	-0.73 dB		

Band4-3MHz-16QAM-20385-15RB#0



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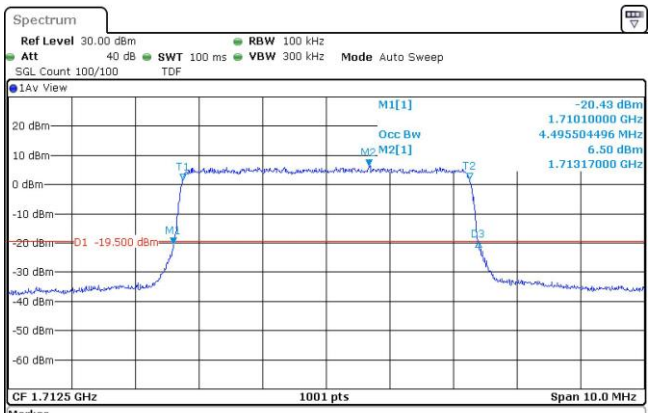
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75205 GHz	-22.47 dBm		
T1		1	1.7521522 GHz	2.13 dBm	Occ Bw	2.695507488 MHz
T2		1	1.7548478 GHz	1.16 dBm		
M2		1	1.75396 GHz	5.45 dBm		
D3	M1	1	2.88 MHz	1.13 dB		

Band4-5MHz-QPSK-19975-25RB#0



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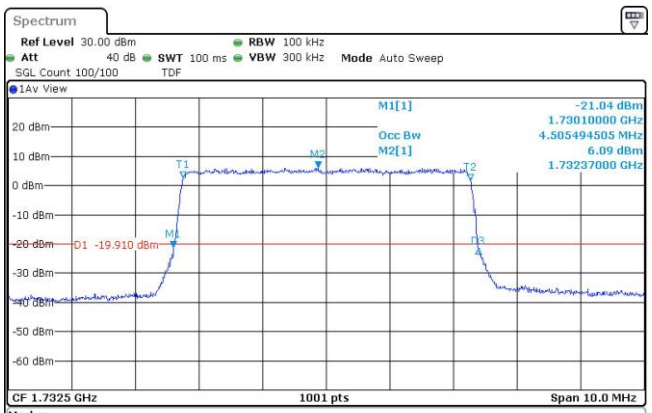
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7101 GHz	-20.43 dBm		
T1		1	1.7102522 GHz	1.57 dBm	Occ Bw	4.495504496 MHz
T2		1	1.7147478 GHz	1.71 dBm		
M2		1	1.71317 GHz	6.50 dBm		
D3	M1	1	4.79 MHz	0.93 dB		

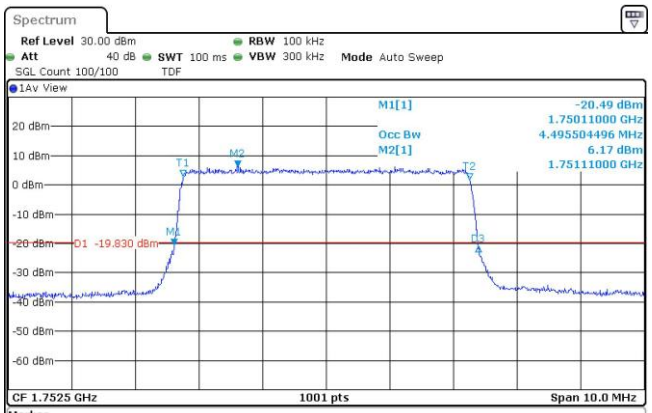
Band4-5MHz-QPSK-20175-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7301 GHz	-21.04 dBm		
T1		1	1.7302522 GHz	2.76 dBm	Occ Bw	4.505494505 MHz
T2		1	1.7347577 GHz	1.72 dBm		
M2		1	1.73237 GHz	6.09 dBm		
D3	M1	1	4.79 MHz	-0.52 dB		

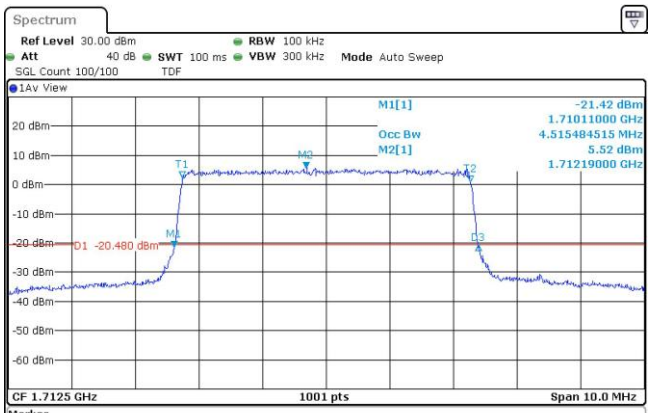
Band4-5MHz-QPSK-20375-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75011 GHz	-20.49 dBm		
T1		1	1.7502522 GHz	3.09 dBm	Occ Bw	4.495504496 MHz
T2		1	1.7547478 GHz	1.85 dBm		
M2		1	1.75111 GHz	6.17 dBm		
D3	M1	1	4.78 MHz	-0.39 dB		

Band4-5MHz-16QAM-19975-25RB#0



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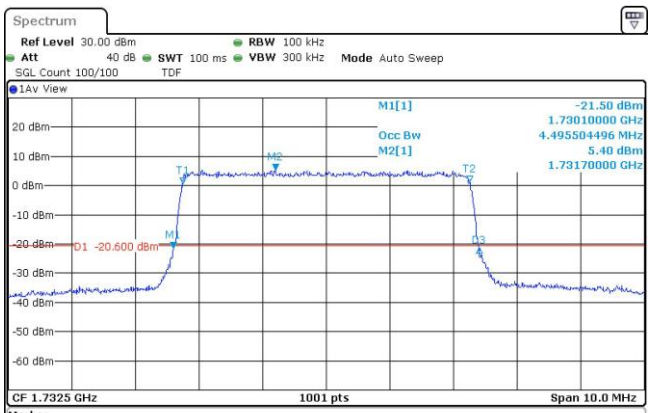
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71011 GHz	-21.42 dBm		
T1		1	1.7102423 GHz	2.24 dBm	Occ Bw	4.515484515 MHz
T2		1	1.7147577 GHz	0.99 dBm		
M2		1	1.71219 GHz	5.52 dBm		
D3	M1	1	4.78 MHz	0.90 dB		

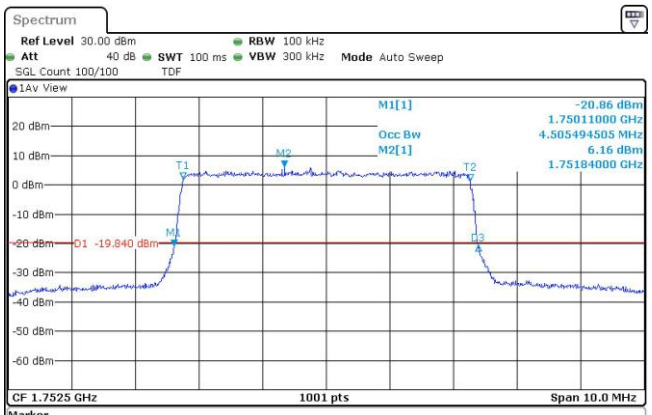
Band4-5MHz-16QAM-20175-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7301 GHz	-21.50 dBm		
T1		1	1.7302522 GHz	0.77 dBm	Occ Bw	4.495504496 MHz
T2		1	1.7347478 GHz	1.08 dBm		
M2		1	1.7317 GHz	5.40 dBm		
D3	M1	1	4.8 MHz	0.46 dB		

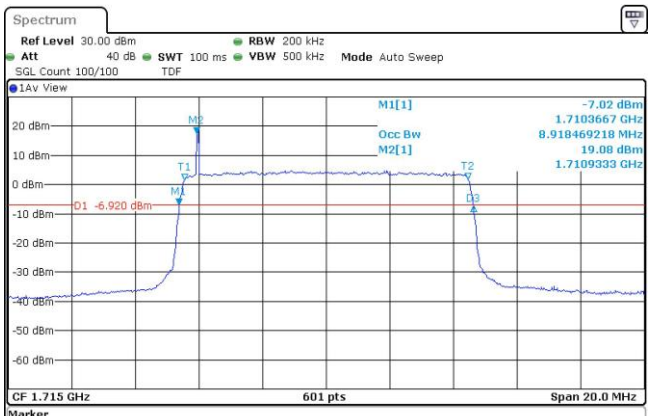
Band4-5MHz-16QAM-20375-25RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.75011 GHz	-20.86 dBm		
T1		1	1.7502522 GHz	2.00 dBm	Occ Bw	4.505494505 MHz
T2		1	1.7547577 GHz	1.61 dBm		
M2		1	1.75184 GHz	6.16 dBm		
D3	M1	1	4.78 MHz	0.30 dB		

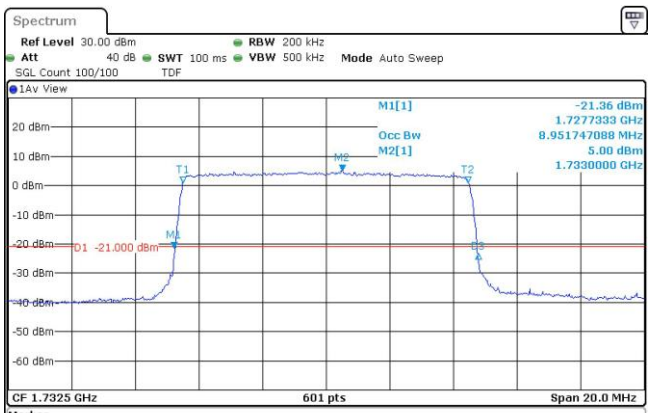
Band4-10MHz-QPSK-20000-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7103667 GHz	-7.02 dBm		
T1		1	1.7105408 GHz	1.49 dBm	Occ Bw	8.918469218 MHz
T2		1	1.7194592 GHz	1.81 dBm		
M2		1	1.7109333 GHz	19.08 dBm		
D3	M1	1	9.2667 MHz	-0.29 dB		

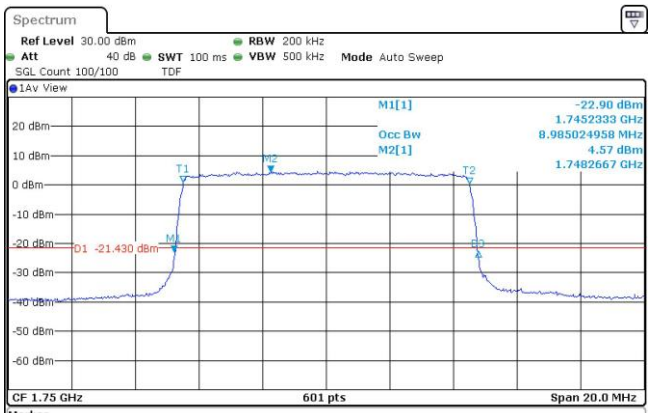
Band4-10MHz-QPSK-20175-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7277333 GHz	-21.36 dBm		
T1		1	1.7280075 GHz	0.96 dBm	Occ Bw	8.951747088 MHz
T2		1	1.7369592 GHz	1.04 dBm		
M2		1	1.733 GHz	5.00 dBm		
D3	M1	1	9.5333 MHz	-1.80 dB		

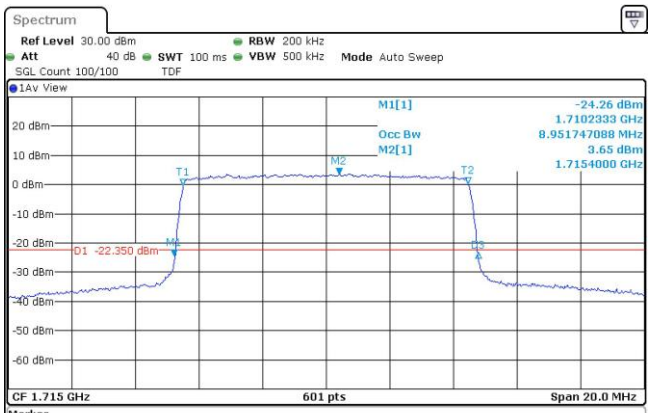
Band4-10MHz-QPSK-20350-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7452333 GHz	-22.90 dBm		
T1		1	1.7455075 GHz	0.80 dBm	Occ Bw	8.985024958 MHz
T2		1	1.7544925 GHz	0.37 dBm		
M2		1	1.7482667 GHz	4.57 dBm		
D3	M1	1	9.5333 MHz	0.18 dB		

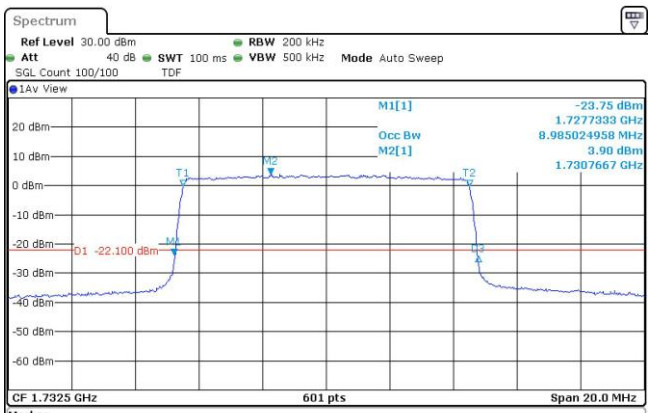
Band4-10MHz-16QAM-20000-50RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7102333 GHz	-24.26 dBm		
T1		1	1.7105075 GHz	-0.14 dBm	Occ Bw	8.951747088 MHz
T2		1	1.7194592 GHz	0.27 dBm		
M2		1	1.7154 GHz	3.65 dBm		
D3	M1	1	9.5333 MHz	1.13 dB		

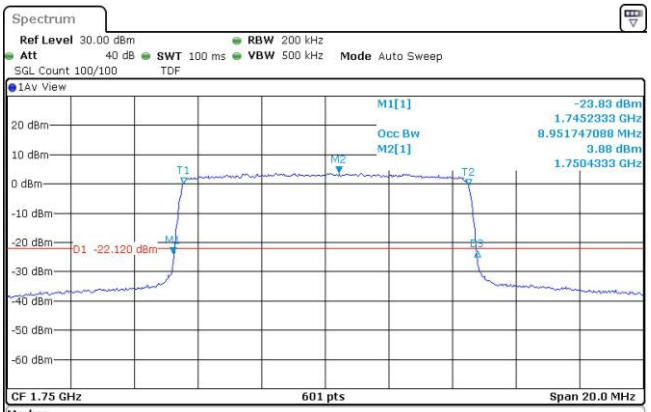
Band4-10MHz-16QAM-20175-50RB#0



Marker

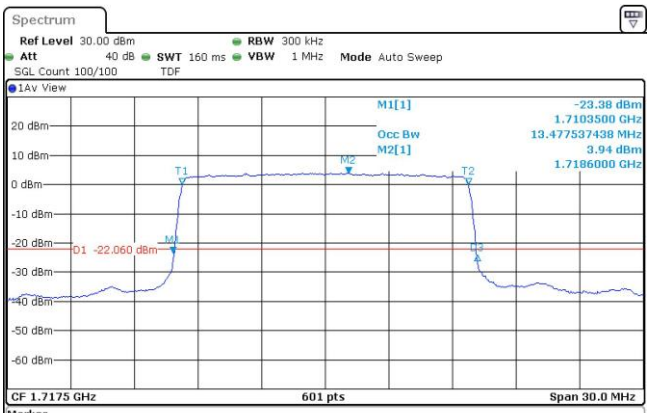
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7277333 GHz	-23.75 dBm		
T1		1	1.7280075 GHz	-0.11 dBm	Occ Bw	8.985024958 MHz
T2		1	1.7369925 GHz	-0.17 dBm		
M2		1	1.7307667 GHz	3.90 dBm		
D3	M1	1	9.5333 MHz	-0.39 dB		

Band4-10MHz-16QAM-20350-50RB#0



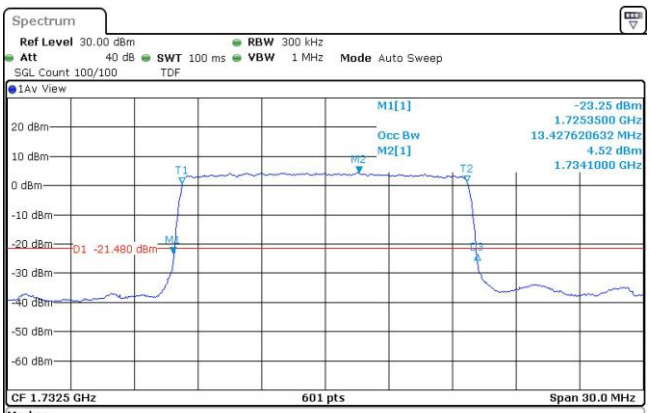
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7452333 GHz	-23.83 dBm		
T1		1	1.7455408 GHz	-0.06 dBm	Occ Bw	8.951747088 MHz
T2		1	1.7544925 GHz	-0.62 dBm		
M2		1	1.7504333 GHz	3.88 dBm		
D3	M1	1	9.5333 MHz	0.81 dB		

Band4-15MHz-QPSK-20025-75RB#0



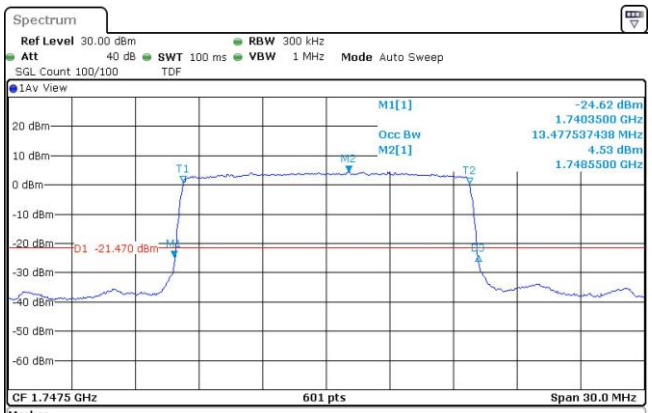
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71035 GHz	-23.38 dBm		
T1		1	1.7107612 GHz	0.08 dBm	Occ Bw	13.477537438 MHz
T2		1	1.7242388 GHz	0.14 dBm		
M2		1	1.7186 GHz	3.94 dBm		
D3	M1	1	14.3 MHz	-0.64 dB		

Band4-15MHz-QPSK-20175-75RB#0



Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72535 GHz	-23.25 dBm		
T1		1	1.7257612 GHz	0.58 dBm	Occ Bw	13.427620632 MHz
T2		1	1.7391889 GHz	1.20 dBm		
M2		1	1.7341 GHz	4.52 dBm		
D3	M1	1	14.3 MHz	-0.20 dB		

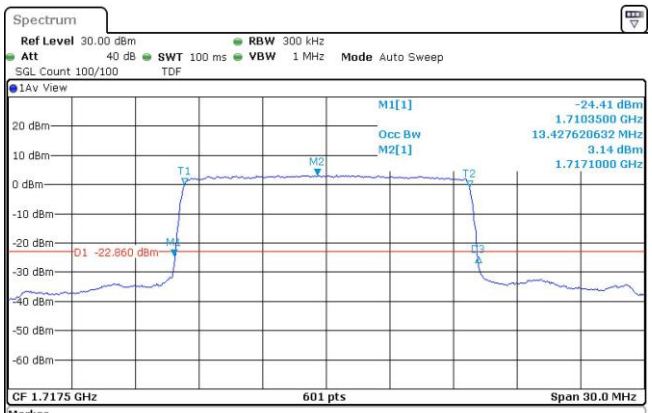
Band4-15MHz-QPSK-20325-75RB#0



Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.74035 GHz	-24.62 dBm		
T1		1	1.7407612 GHz	0.81 dBm	Occ Bw	13.477537438 MHz
T2		1	1.7542388 GHz	0.41 dBm		
M2		1	1.74855 GHz	4.53 dBm		
D3	M1	1	14.3 MHz	0.69 dB		

Band4-15MHz-16QAM-20025-75RB#0



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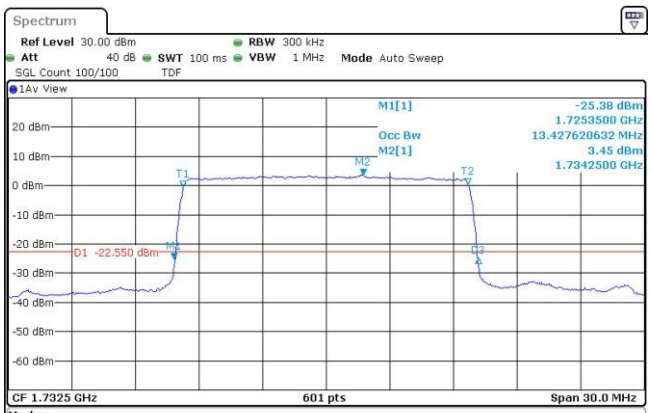
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.71035 GHz	-24.41 dBm		
T1		1	1.7108111 GHz	0.07 dBm	Occ Bw	13.427620632 MHz
T2		1	1.7242388 GHz	-0.77 dBm		
M2		1	1.7171 GHz	3.14 dBm		
D3	M1	1	14.3 MHz	-0.13 dB		

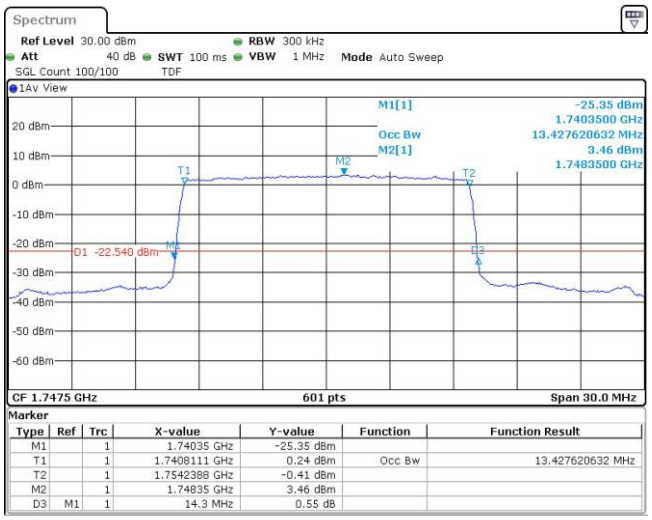
Band4-15MHz-16QAM-20175-75RB#0



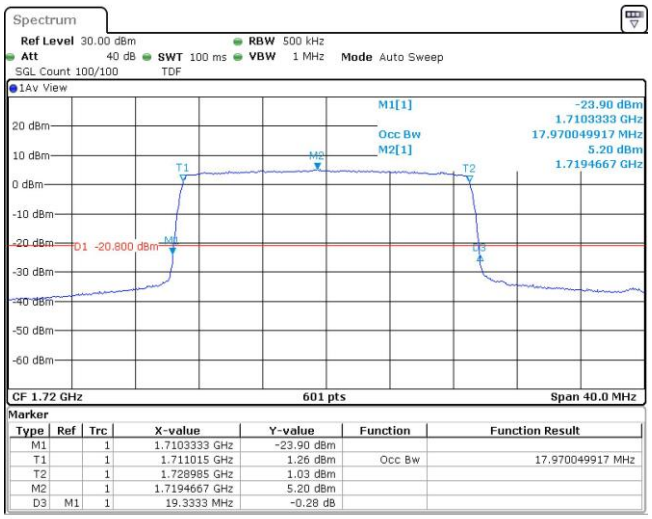
Marker

Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.72535 GHz	-25.38 dBm		
T1		1	1.7257612 GHz	-0.50 dBm	Occ Bw	13.427620632 MHz
T2		1	1.7391889 GHz	0.22 dBm		
M2		1	1.73425 GHz	3.45 dBm		
D3	M1	1	14.3 MHz	0.82 dB		

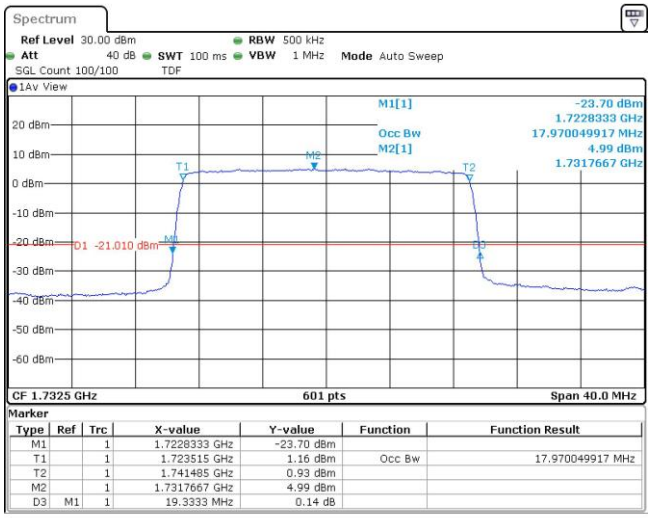
Band4-15MHz-16QAM-20325-75RB#0



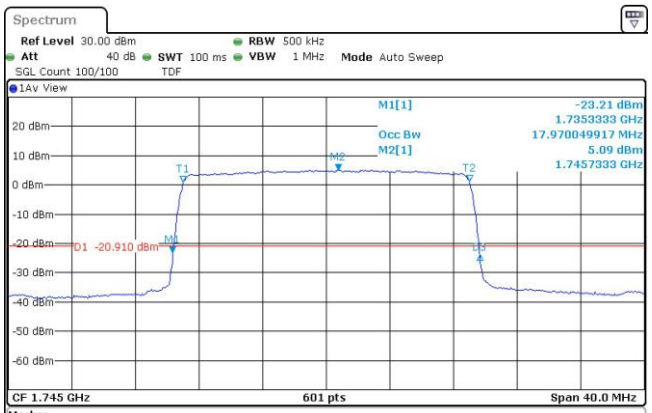
Band4-20MHz-QPSK-20050-100RB#0



Band4-20MHz-QPSK-20175-100RB#0

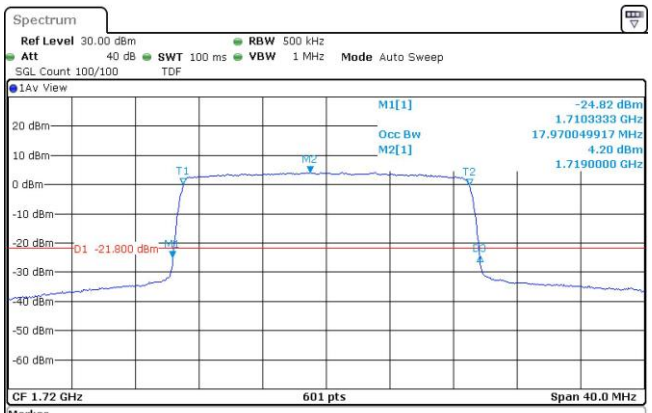


Band4-20MHz-QPSK-20300-100RB#0



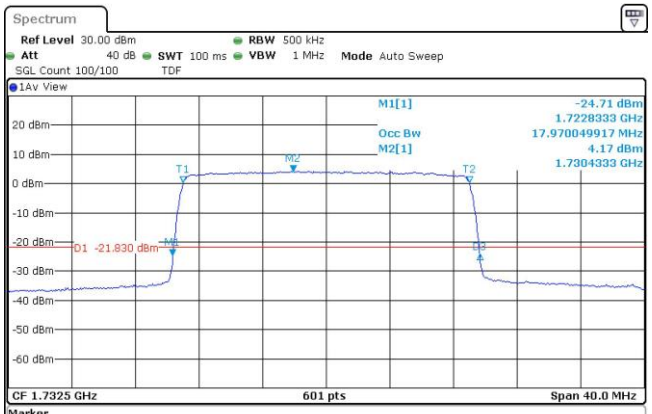
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7353333 GHz	-23.21 dBm		
T1		1	1.736015 GHz	0.81 dBm	Occ Bw	17.970049917 MHz
T2		1	1.753985 GHz	1.09 dBm		
M2		1	1.7457333 GHz	5.09 dBm		
D3	M1	1	19.3333 MHz	-0.49 dB		

Band4-20MHz-16QAM-20050-100RB#0



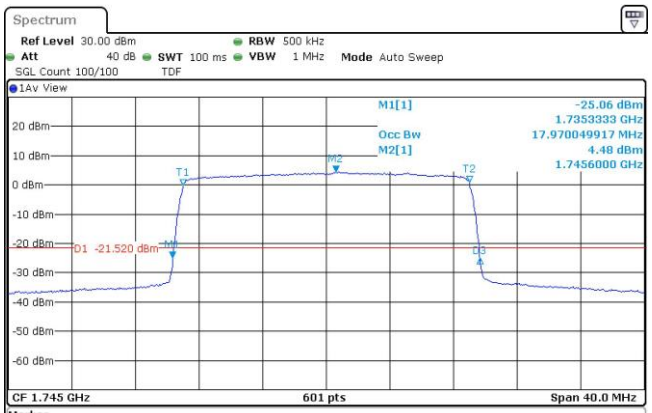
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7103333 GHz	-24.82 dBm		
T1		1	1.711015 GHz	0.09 dBm	Occ Bw	17.970049917 MHz
T2		1	1.728985 GHz	-0.24 dBm		
M2		1	1.719 GHz	4.20 dBm		
D3	M1	1	19.3333 MHz	0.51 dB		

Band4-20MHz-16QAM-20175-100RB#0



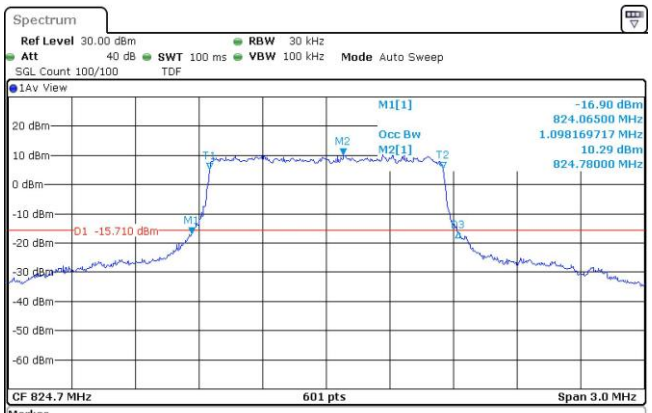
Marker						
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7228333 GHz	-24.71 dBm		
T1		1	1.723515 GHz	0.44 dBm	Occ Bw	17.970049917 MHz
T2		1	1.741485 GHz	0.33 dBm		
M2		1	1.7304333 GHz	4.17 dBm		
D3	M1	1	19.3333 MHz	0.68 dB		

Band4-20MHz-16QAM-20300-100RB#0



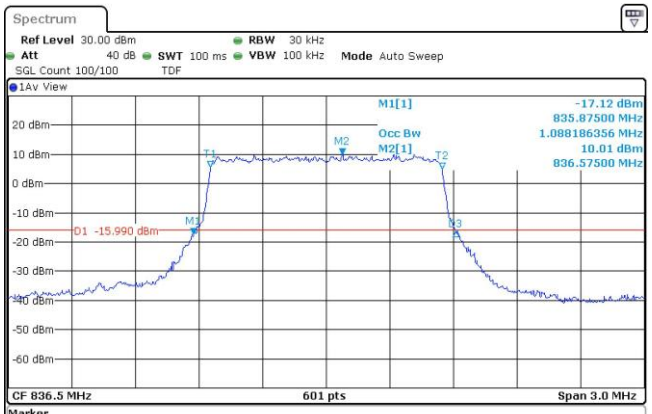
Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	1.7353333 GHz	-25.06 dBm		
T1		1	1.736015 GHz	-0.37 dBm	Occ Bw	17.970049917 MHz
T2		1	1.753985 GHz	0.94 dBm		
M2		1	1.7456 GHz	4.48 dBm		
D3	M1	1	19.3333 MHz	0.26 dB		

Band5-1.4MHz-QPSK-20407-6RB#0



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	824.065 MHz	-16.90 dBm		
T1		1	824.15092 MHz	5.34 dBm	Occ Bw	1.098169717 MHz
T2		1	825.24908 MHz	5.46 dBm		
M2		1	824.78 MHz	10.29 dBm		
D3	M1	1	1.255 MHz	0.63 dB		

Band5-1.4MHz-QPSK-20525-6RB#0



Type	Ref	Trc	X-value	Y-value	Function	Function Result
M1		1	835.875 MHz	-17.12 dBm		
T1		1	835.95591 MHz	5.59 dBm	Occ Bw	1.088186356 MHz
T2		1	837.04409 MHz	5.06 dBm		
M2		1	836.575 MHz	10.01 dBm		
D3	M1	1	1.235 MHz	1.02 dB		

Band5-1.4MHz-QPSK-20643-6RB#0