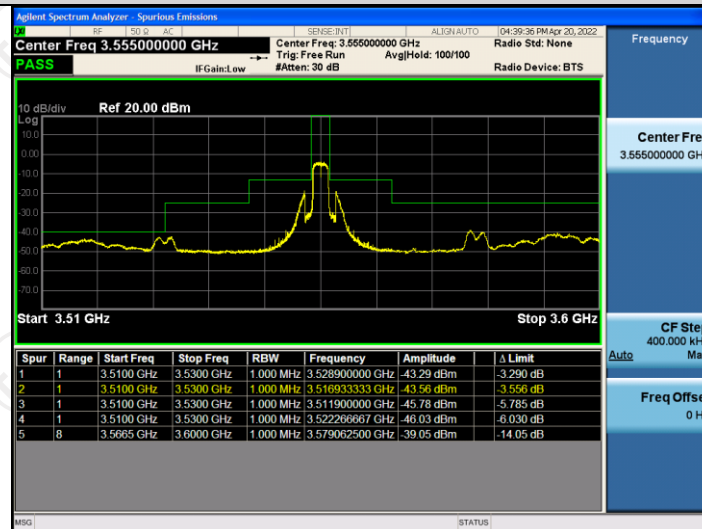
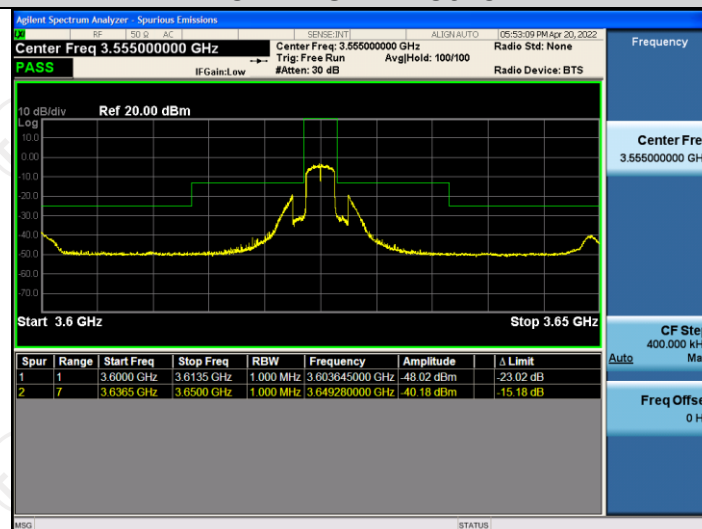


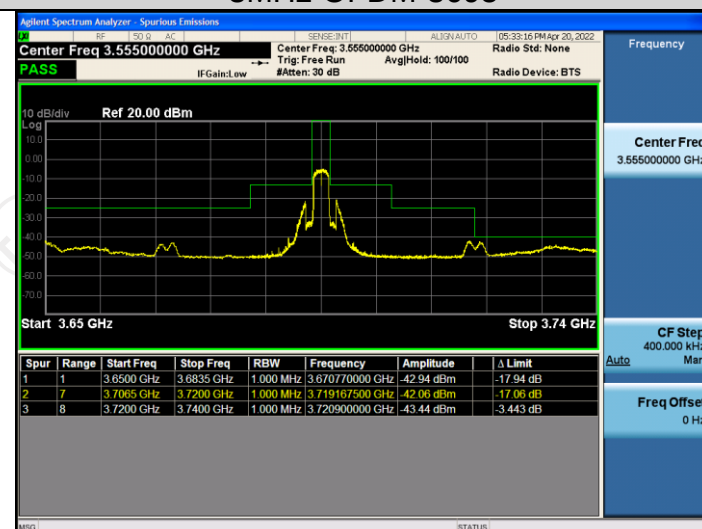
3MHz-OFDM-3555



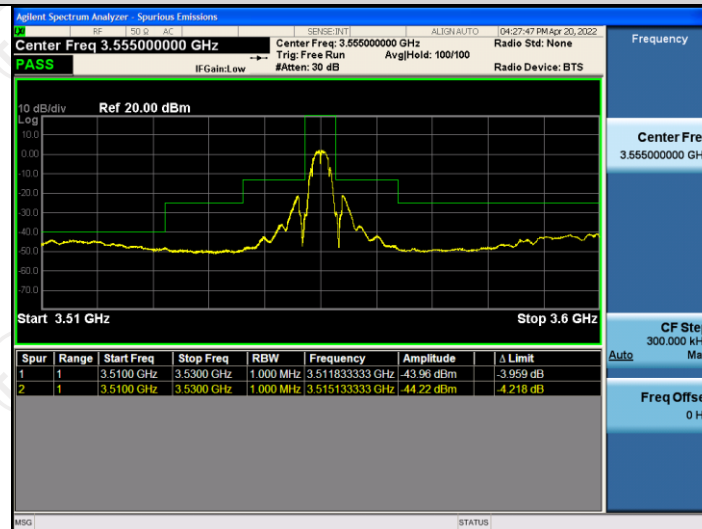
3MHz-OFDM-3625



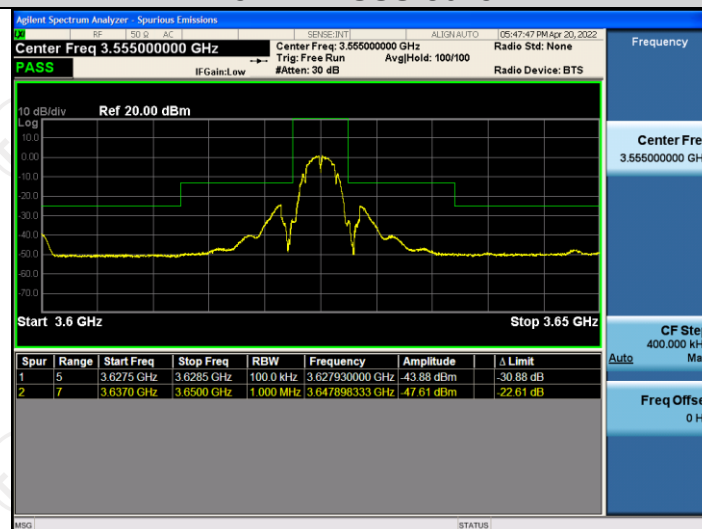
3MHz-OFDM-3695



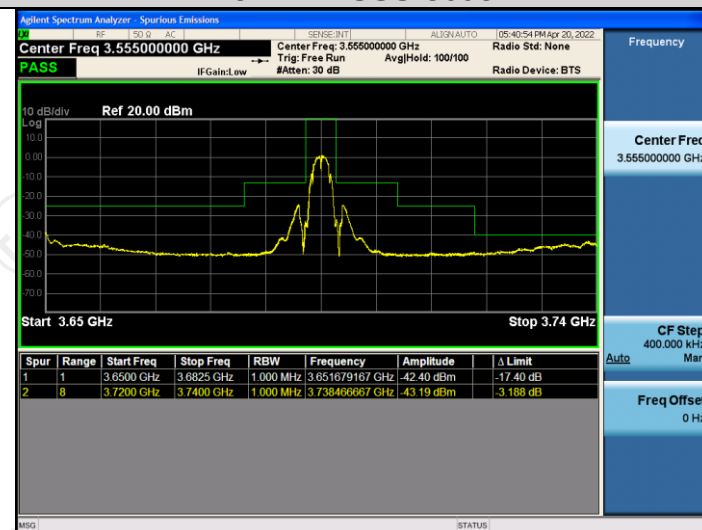
5MHz-DSSS-3555



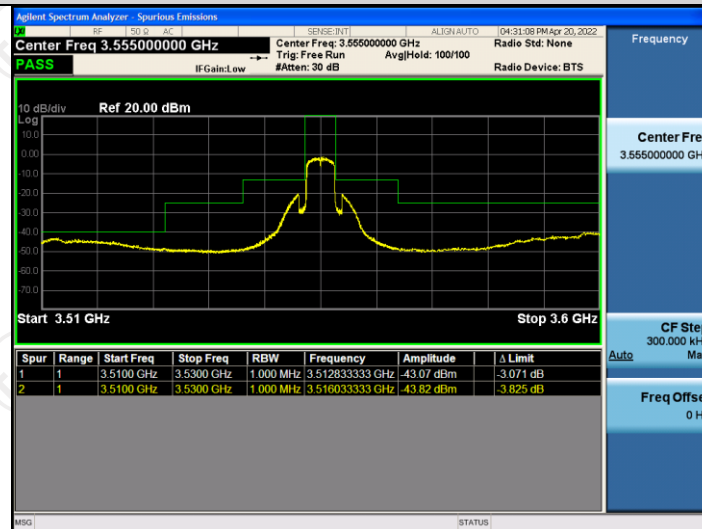
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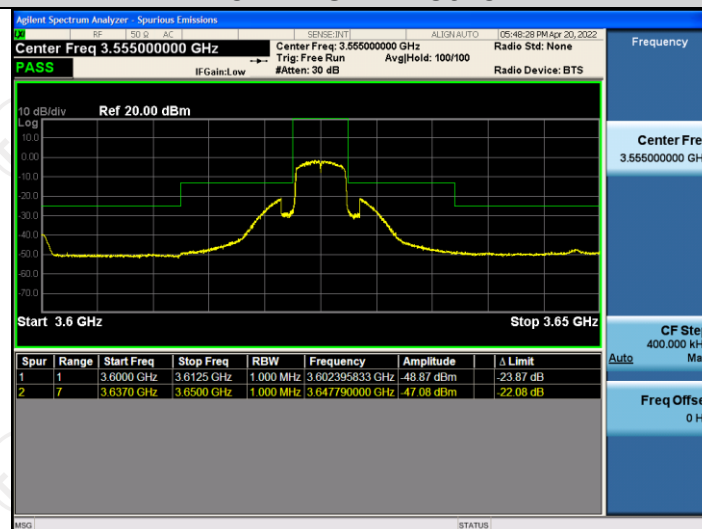
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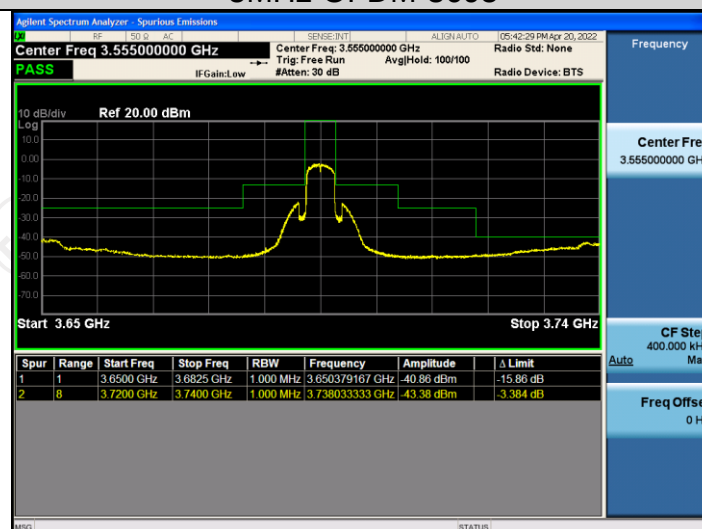
5MHz-OFDM-3555



5MHz-OFDM-3625



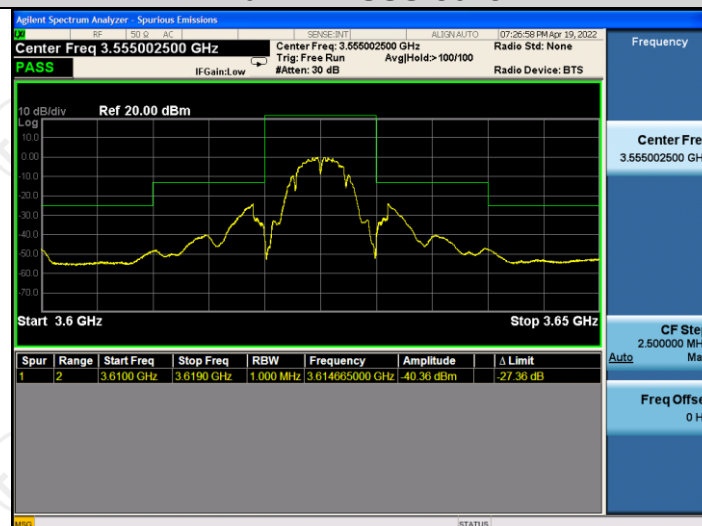
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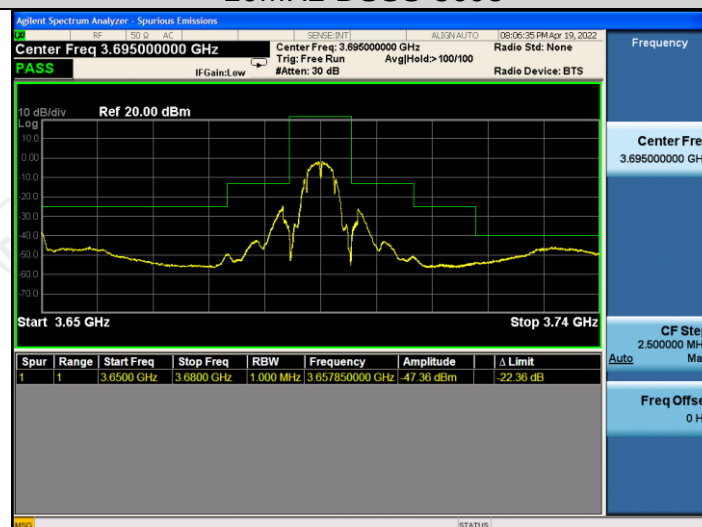
10MHz-DSSS-3555



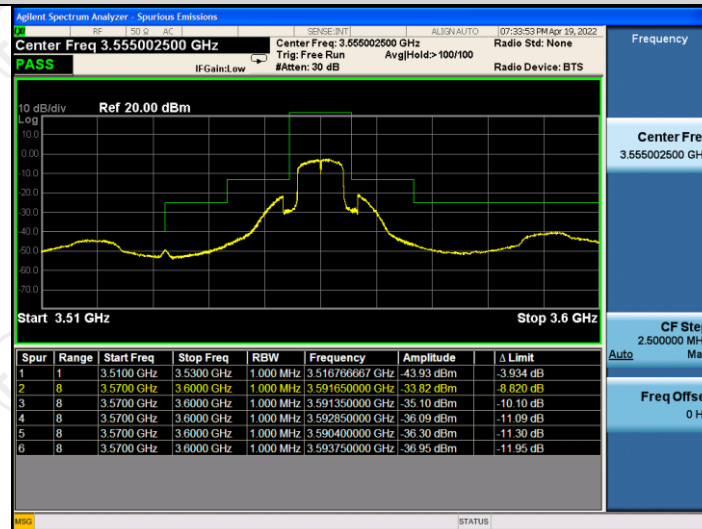
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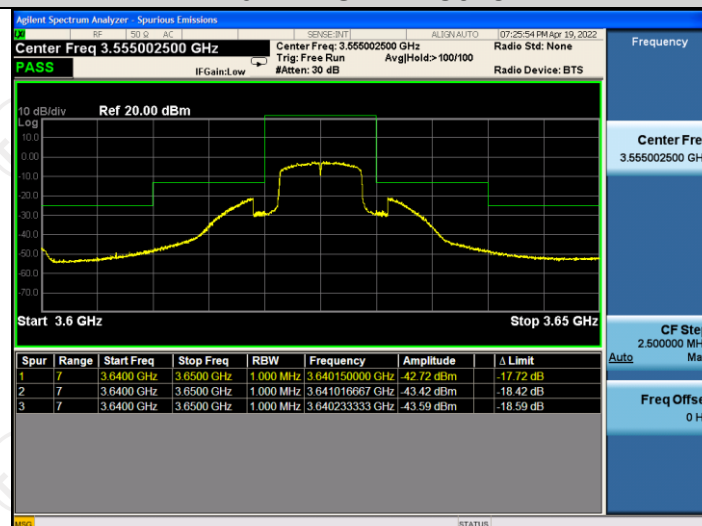
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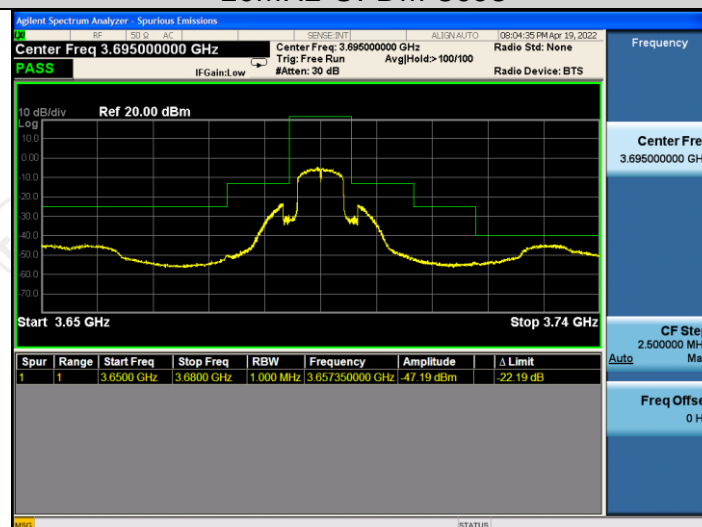
10MHz-OFDM-3555



10MHz-OFDM-3625



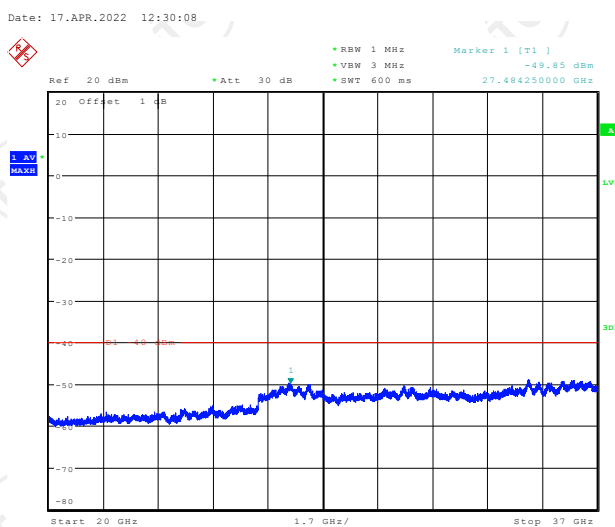
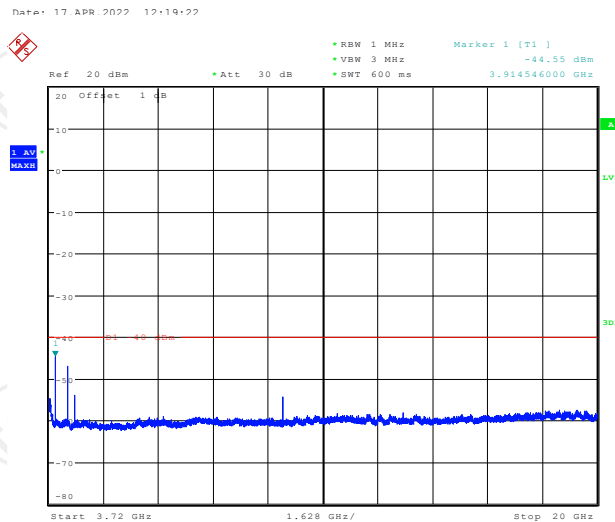
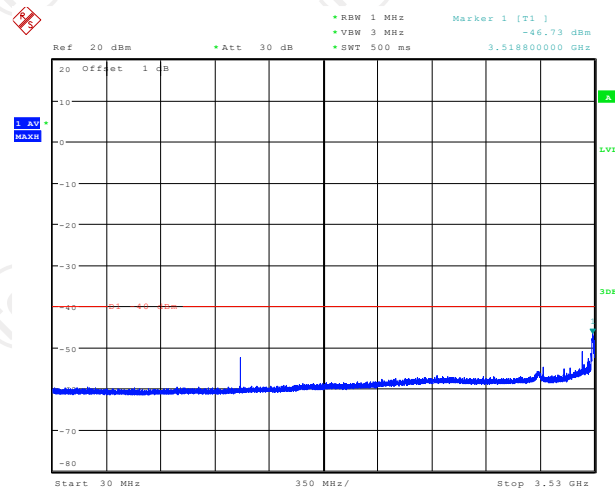
10MHz-OFDM-3695



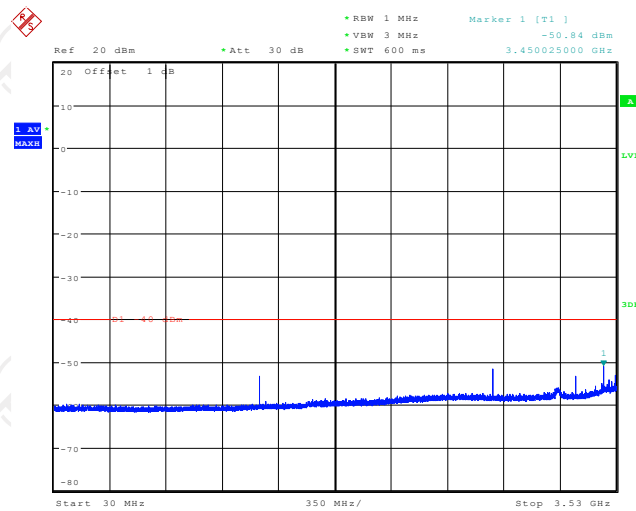
Conducted Spurious Emission

Ant0

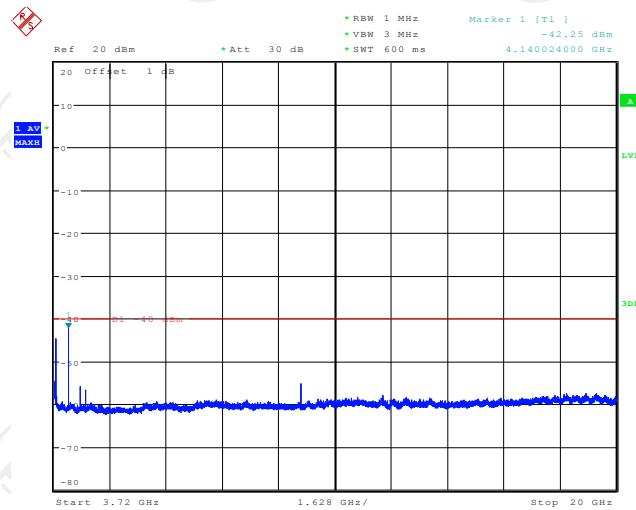
3MHz-DSSS-3555



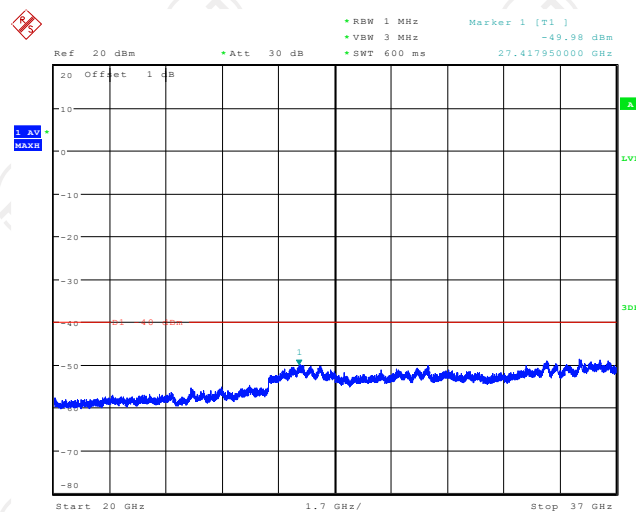
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Date: 17.APR.2022 12:32:33

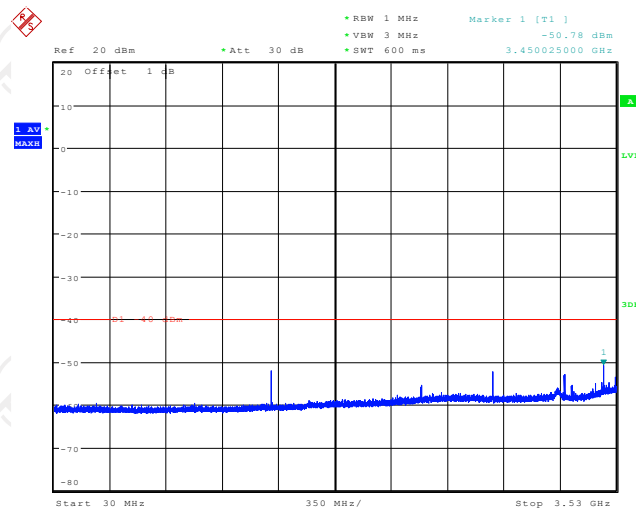


Date: 17.APR.2022 12:34:05

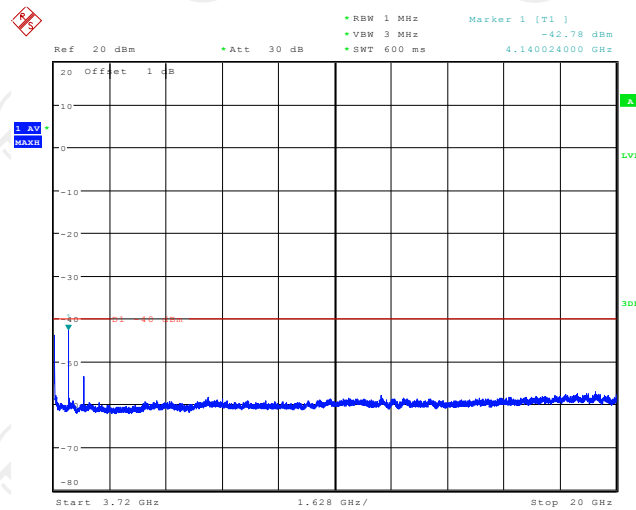


Date: 17.APR.2022 12:34:27

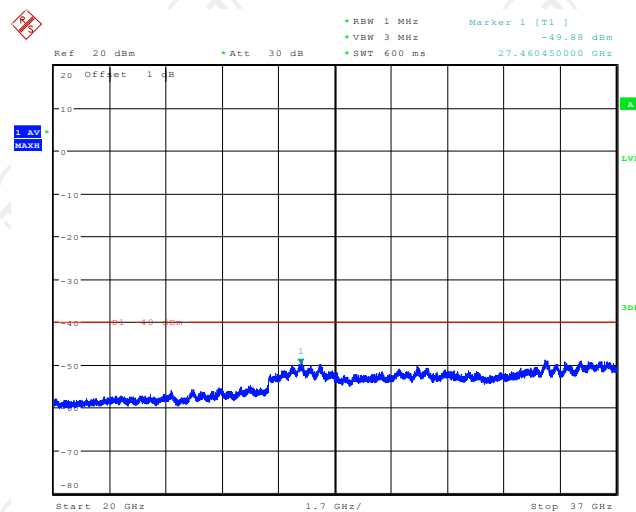
3MHz-DSSS-3695



Date: 17.APR.2022 12:36:14

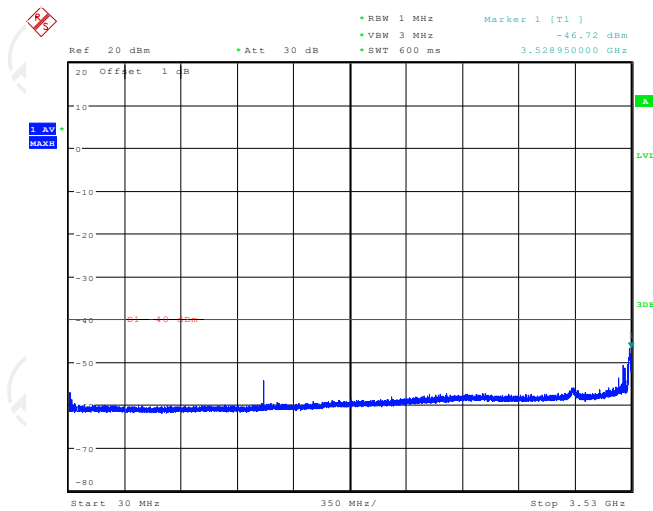


Date: 17.APR.2022 12:38:52

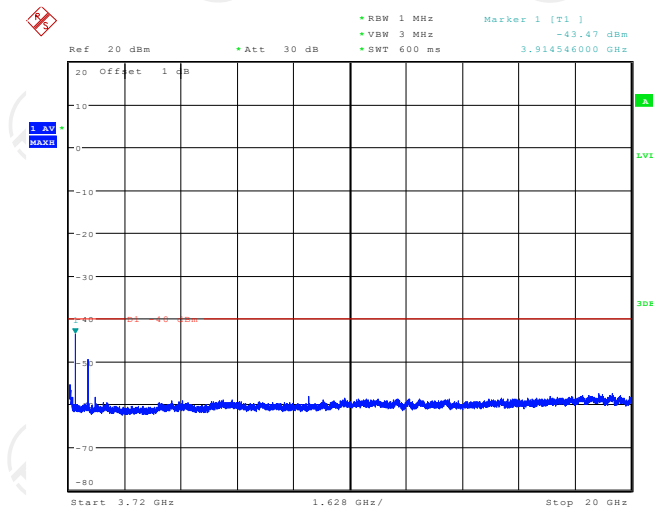


Date: 17.APR.2022 12:39:17

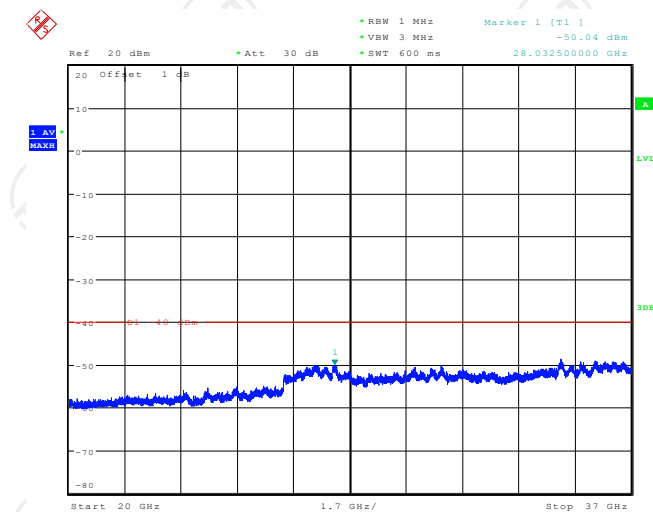
3MHz-OFDM-3555



Date: 17.APR.2022 12:40:37

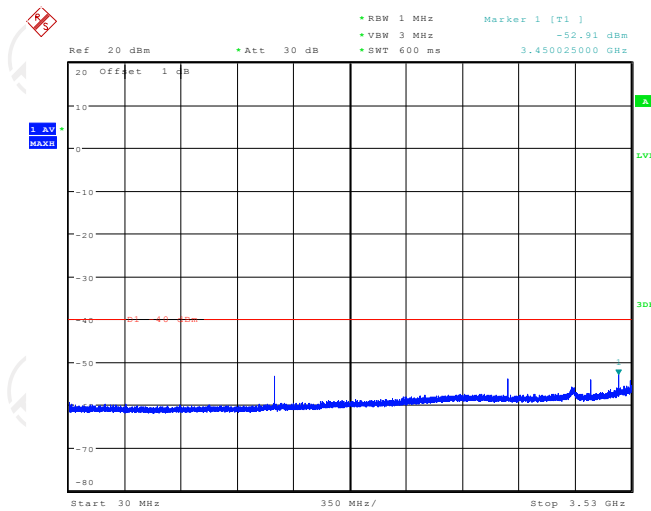


Date: 17.APR.2022 12:41:11

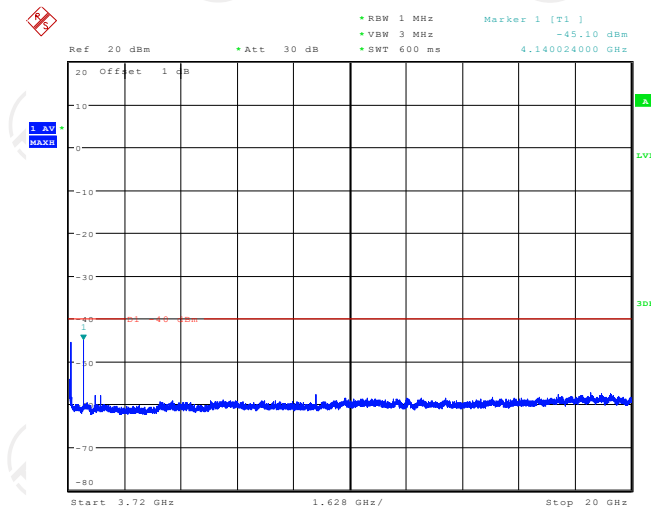


Date: 17.APR.2022 12:41:36

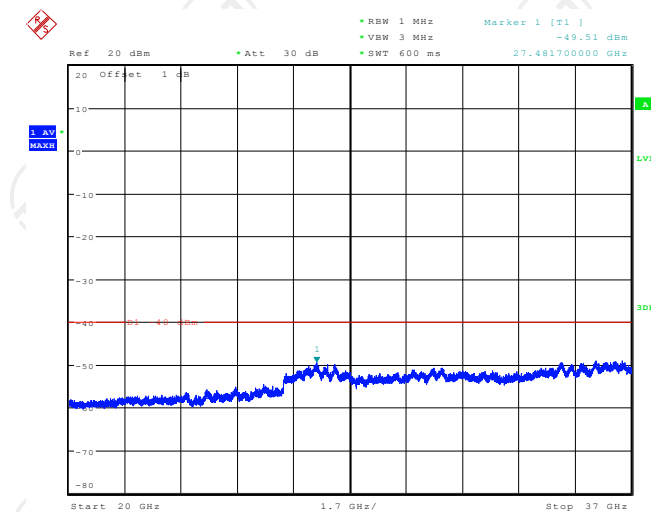
3MHz-OFDM-3625



Date: 17.APR.2022 12:42:20

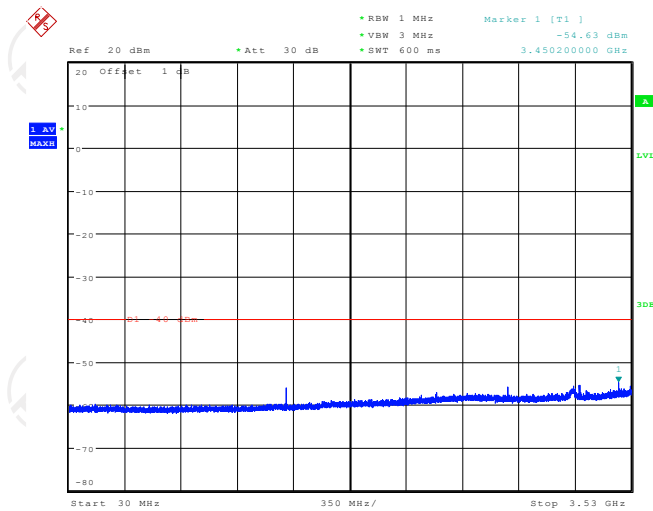


Date: 17.APR.2022 12:43:58

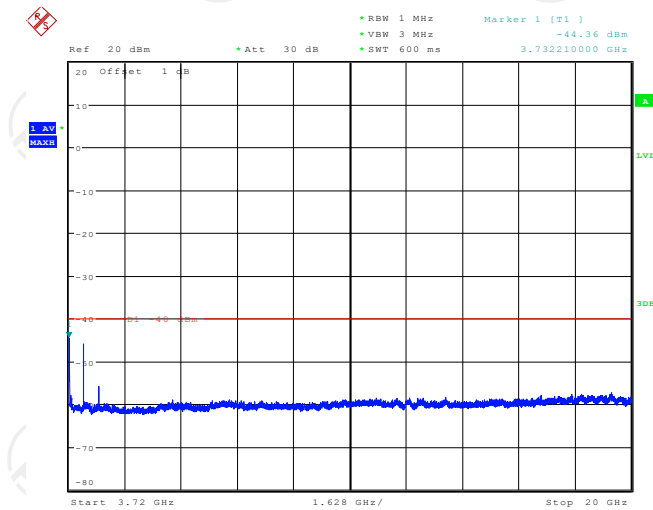


Date: 17.APR.2022 12:44:17

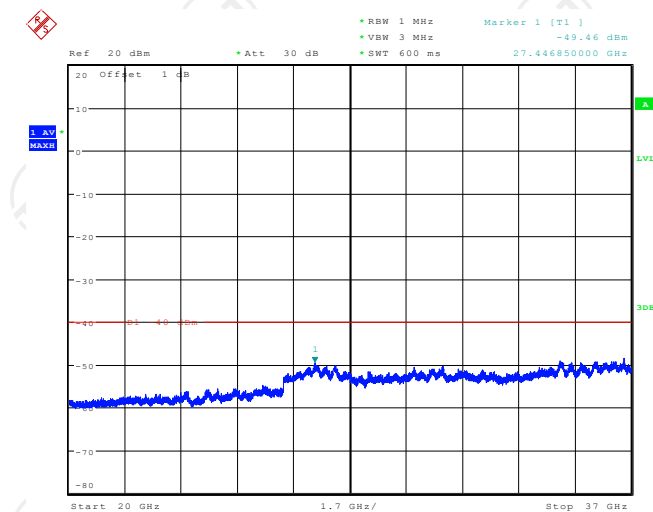
3MHz-OFDM-3695



Date: 17.APR.2022 12:45:17

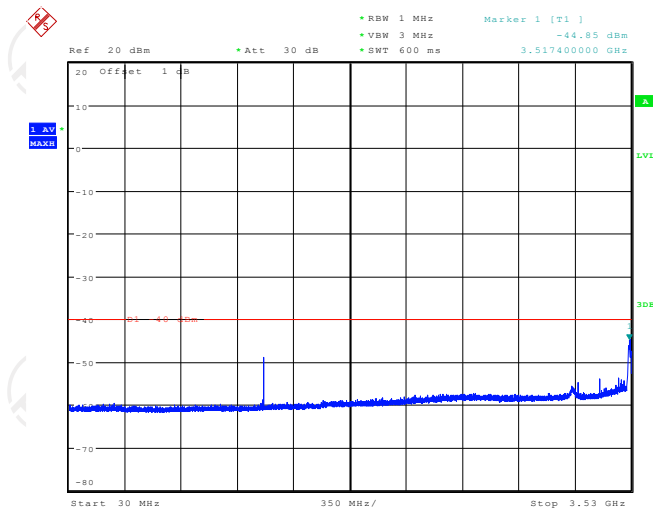


Date: 17.APR.2022 12:46:06

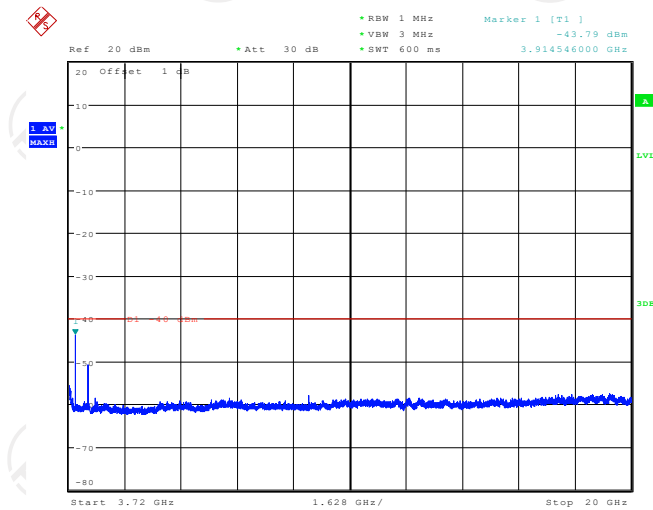


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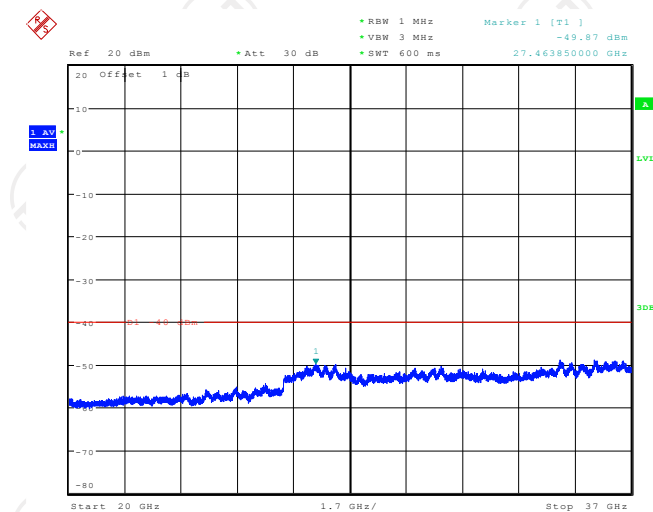
5MHz-DSSS-3555



Date: 17.APR.2022 12:47:53

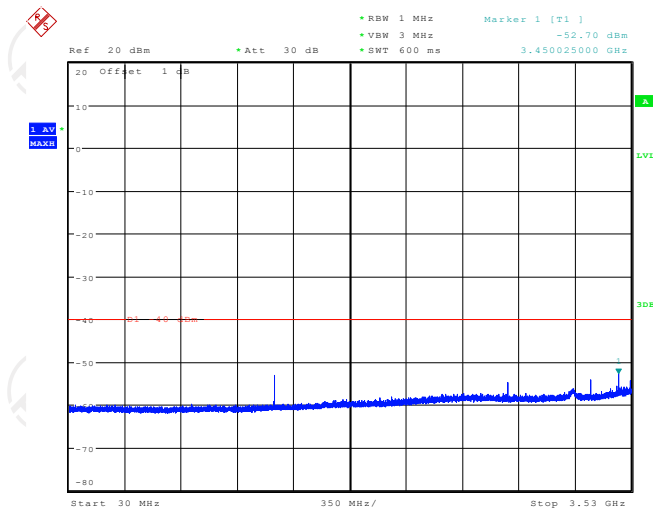


Date: 17.APR.2022 12:48:16

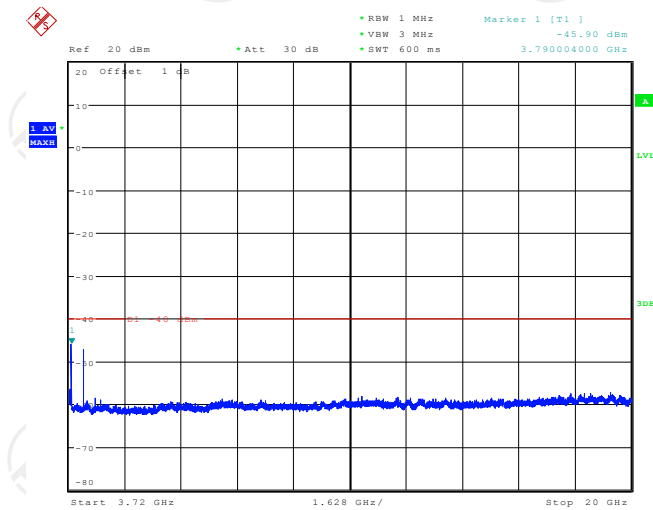


Date: 17.APR.2022 12:48:38

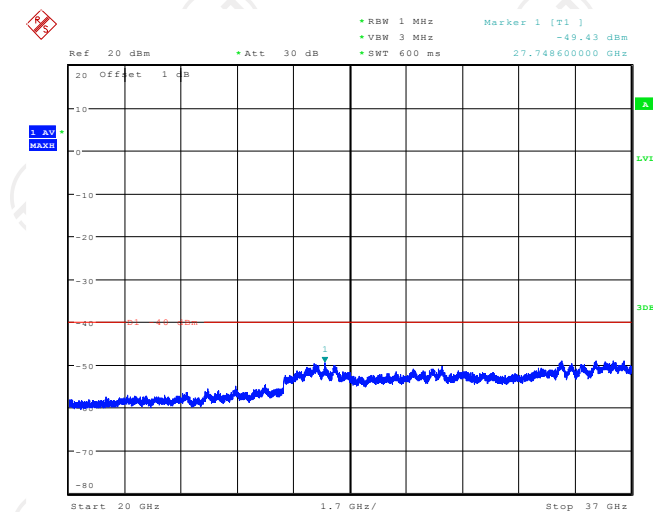
5MHz-DSSS-3625



Date: 17.APR.2022 12:49:20

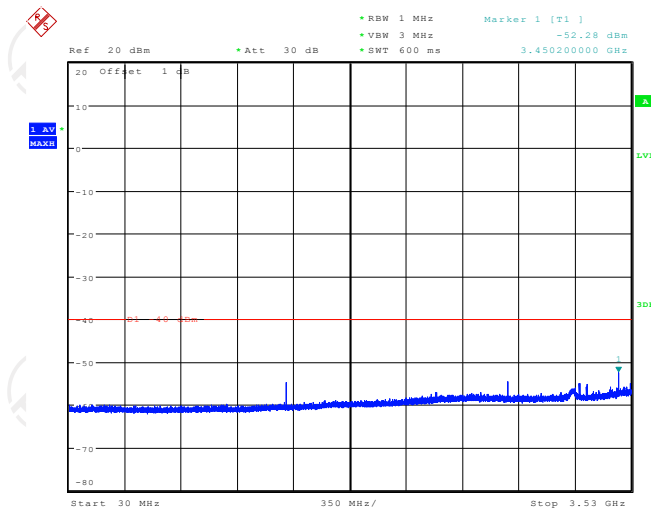


Date: 17.APR.2022 12:51:24

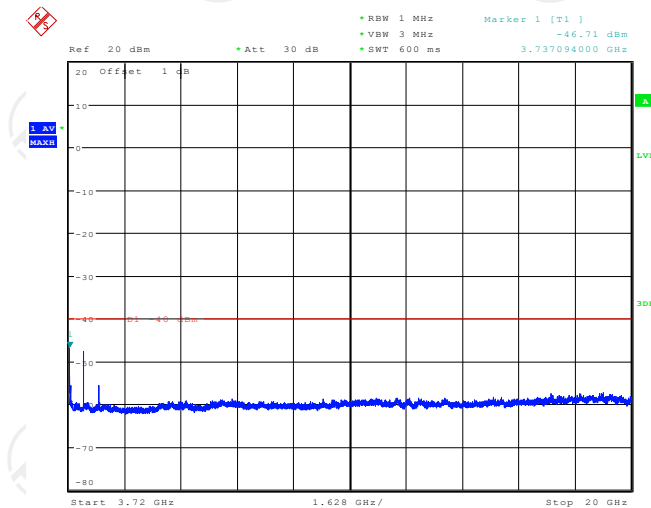


Date: 17.APR.2022 12:51:46

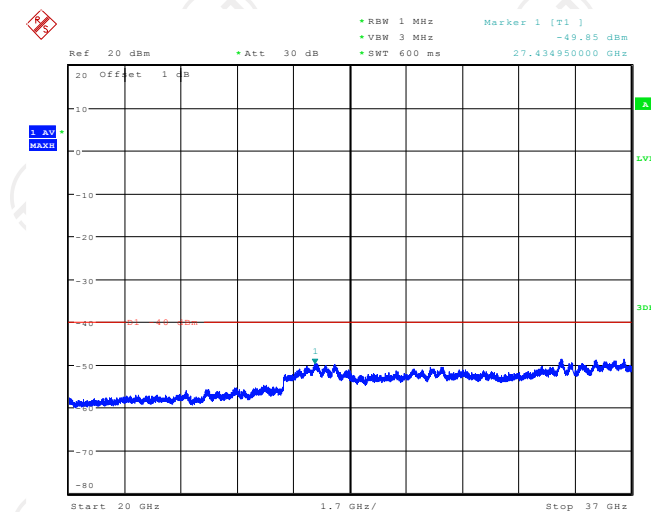
5MHz-DSSS-3695



Date: 17.APR.2022 12:53:31

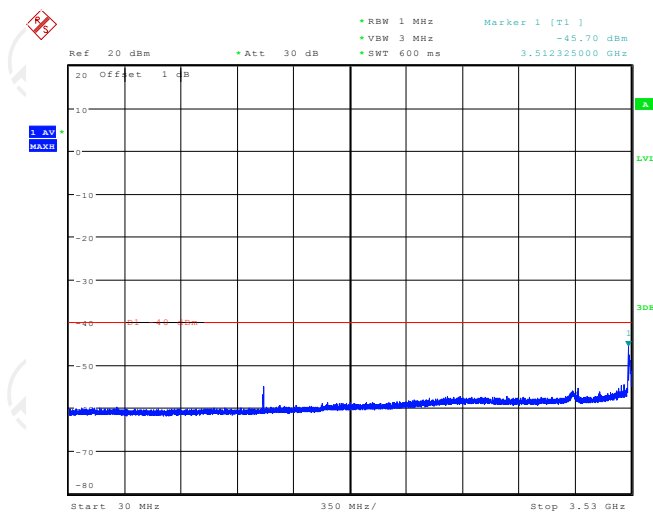


Date: 17.APR.2022 12:56:16

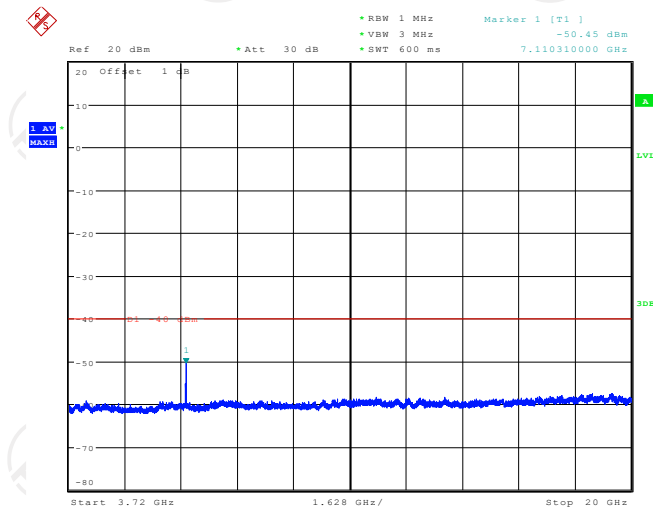


Date: 17.APR.2022 12:57:14

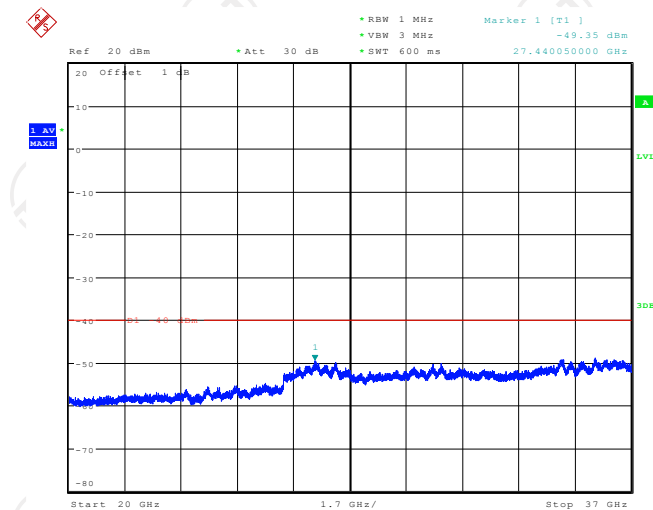
5MHz-OFDM-3555



Date: 17.APR.2022 12:58:48

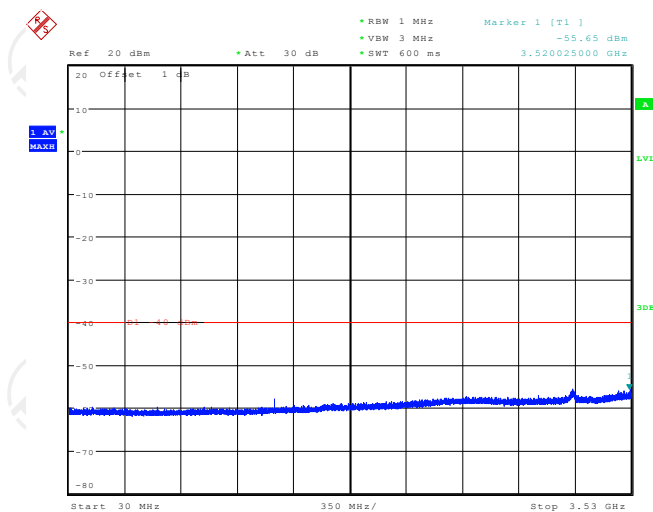


Date: 17.APR.2022 13:07:13

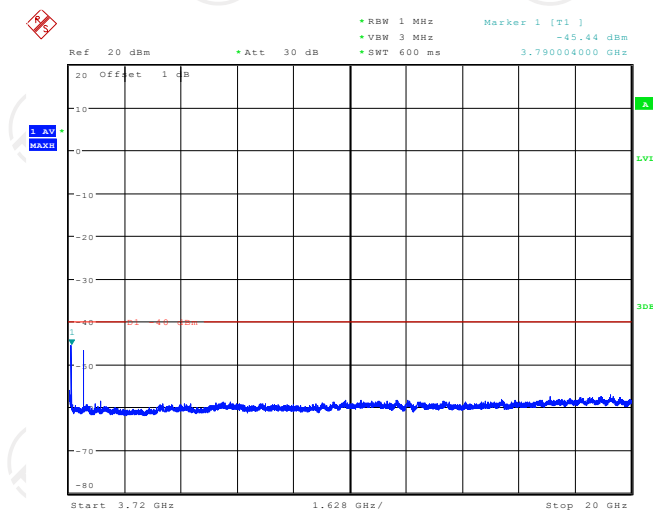


Date: 17.APR.2022 13:07:17

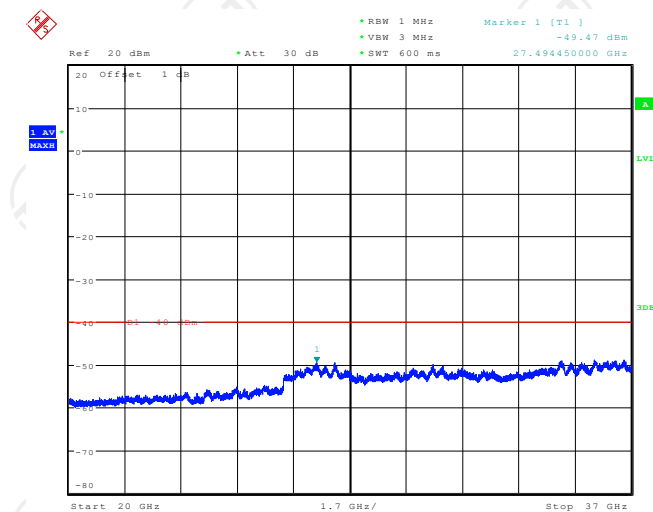
5MHz-OFDM-3625



Date: 17.APR.2022 13:09:06

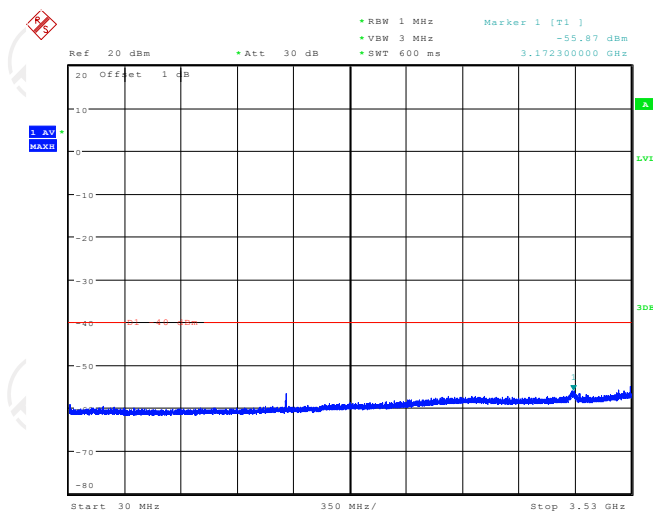


Date: 17.APR.2022 13:09:58

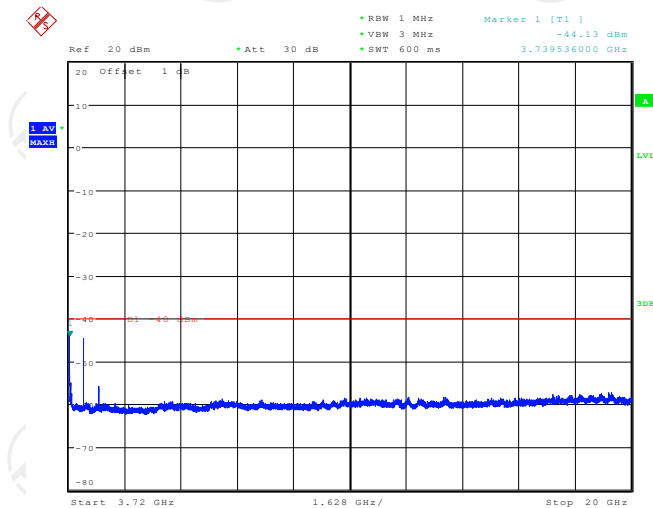


Date: 17.APR.2022 13:10:31

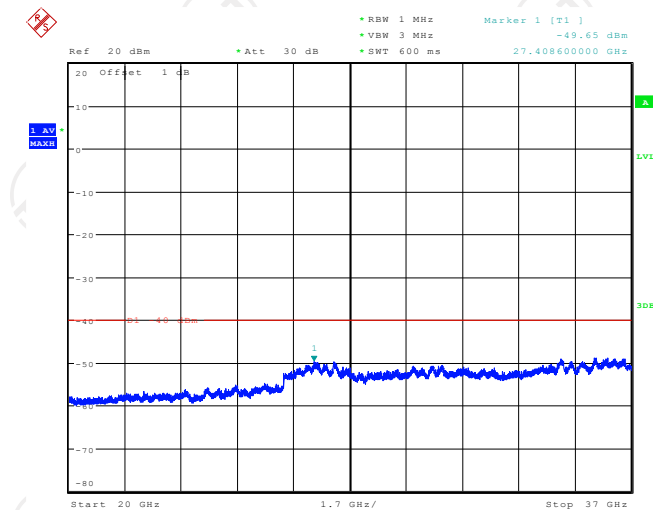
5MHz-OFDM-3695



Date: 17.APR.2022 13:11:48

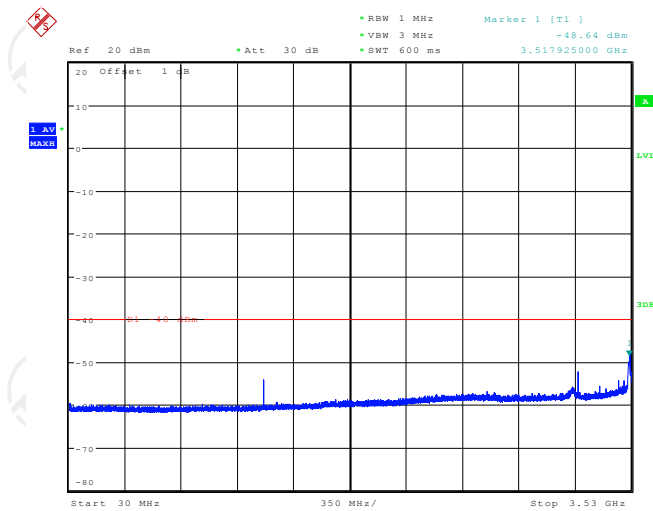


Date: 17.APR.2022 13:13:19

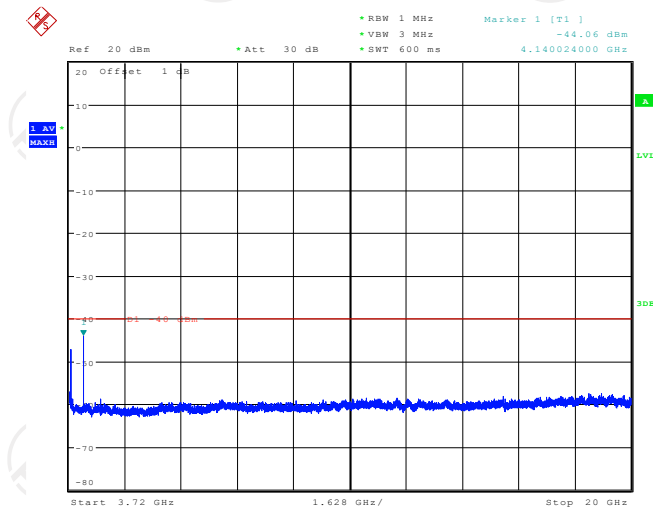


Date: 17.APR.2022 13:13:51

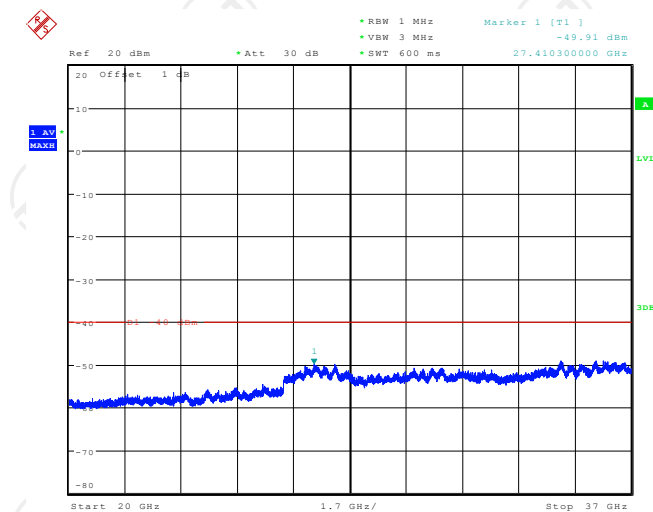
10MHz-DSSS-3555



Date: 17.APR.2022 13:14:45

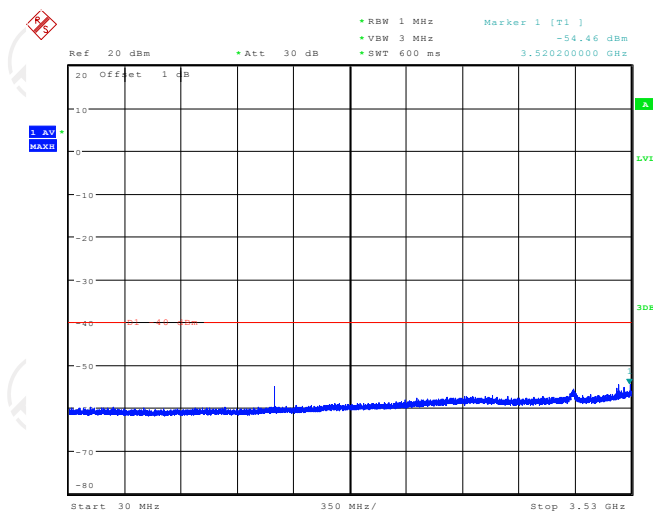


Date: 17.APR.2022 13:16:13

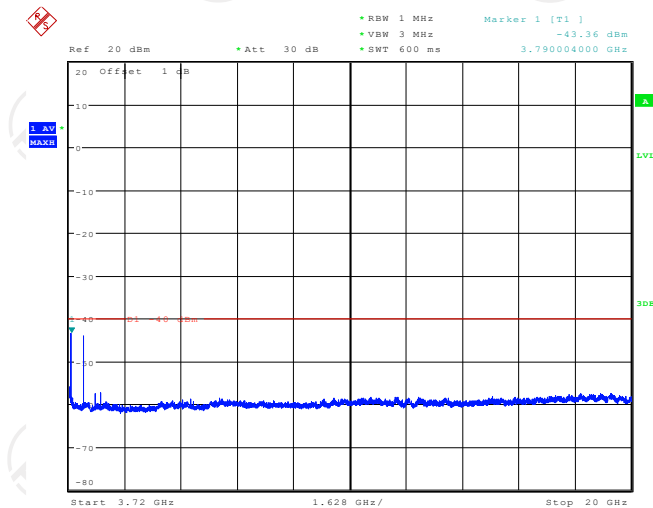


Date: 17.APR.2022 13:16:31

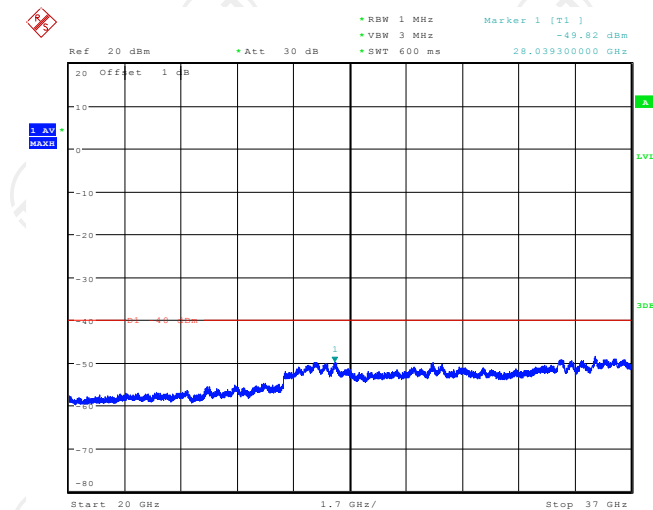
10MHz-DSSS-3625



Date: 17.APR.2022 13:17:08

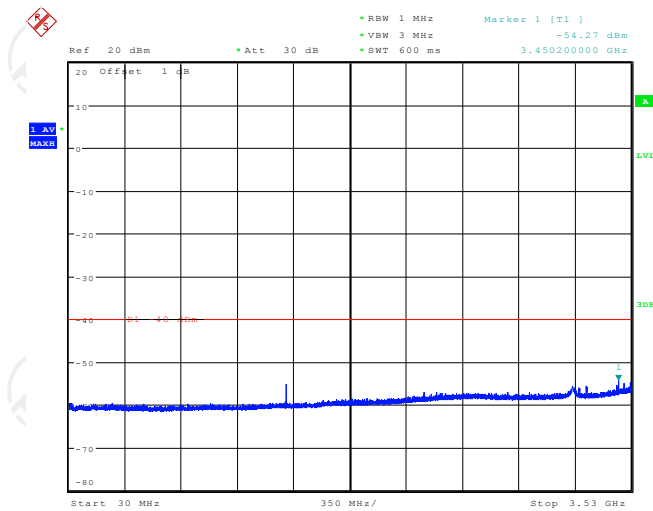


Date: 17.APR.2022 13:18:21

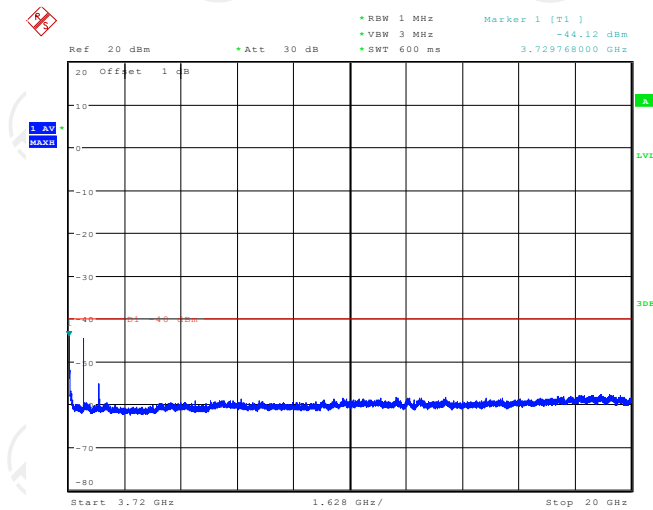


Date: 17.APR.2022 13:19:07

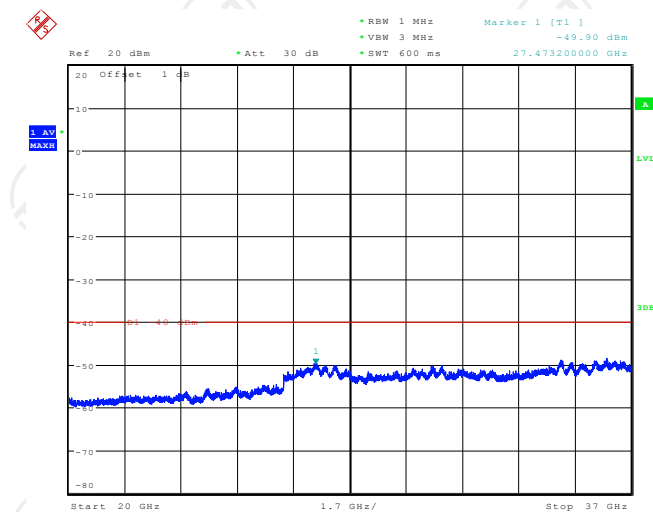
10MHz-DSSS-3695



Date: 17.APR.2022 13:22:45

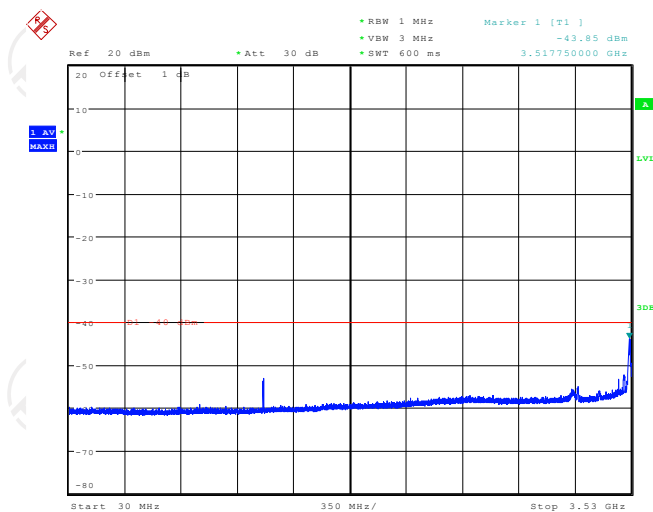


Date: 17.APR.2022 13:23:13

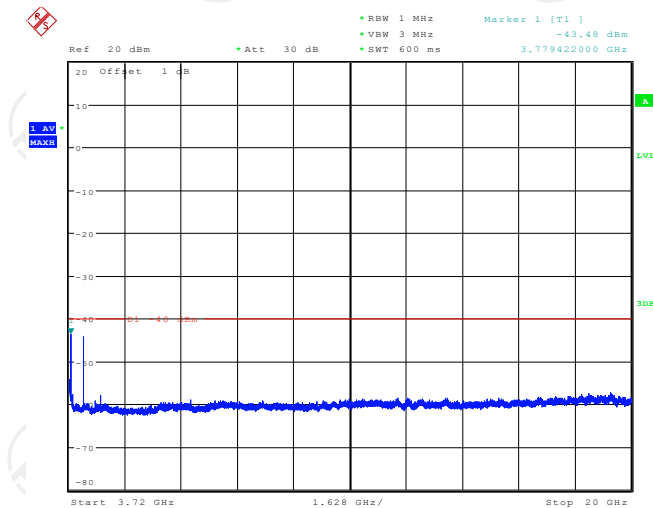


Date: 17.APR.2022 13:24:01

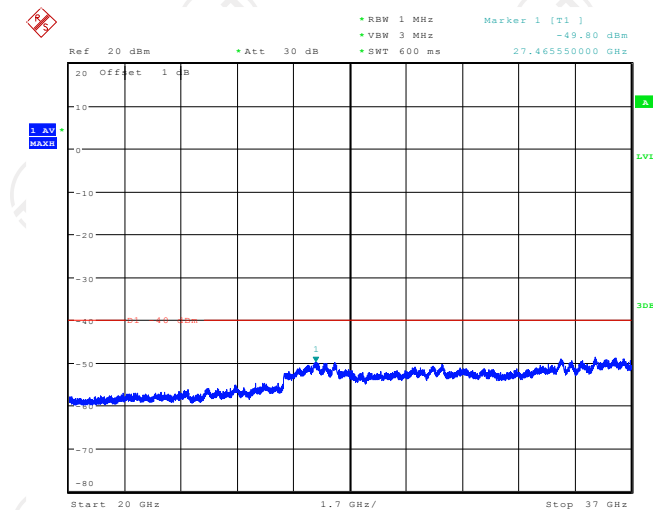
10MHz-OFDM-3555



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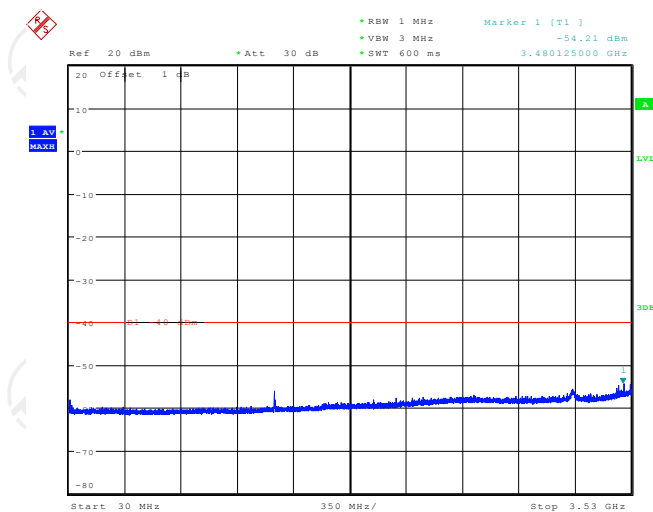


Date: 17.APR.2022 13:27:51

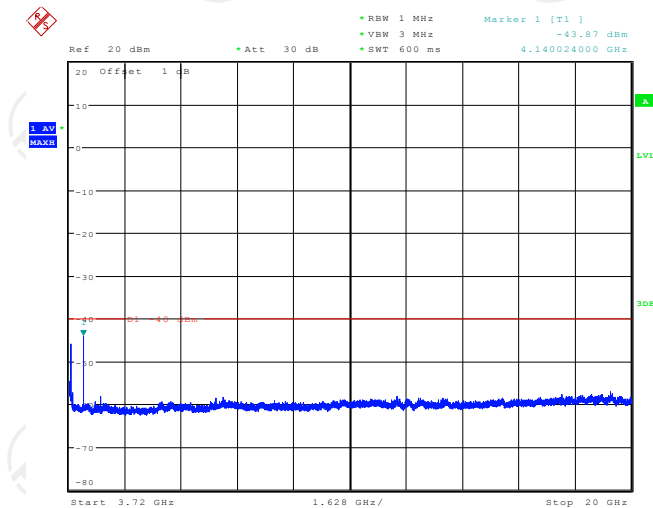


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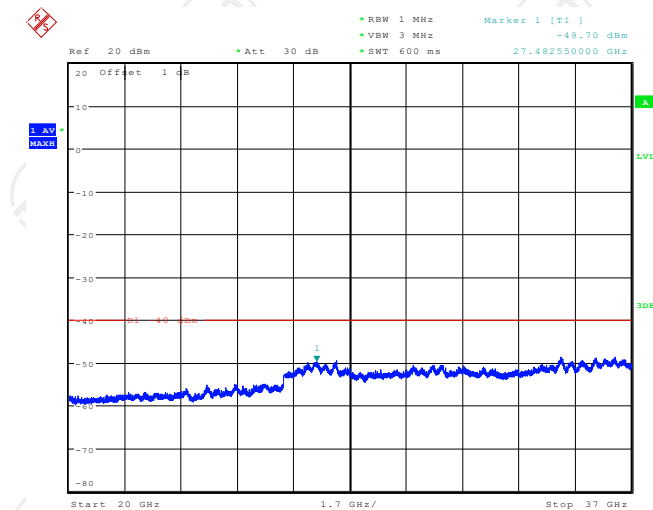
10MHz-OFDM-3625



Date: 17.APR.2022 13:29:35

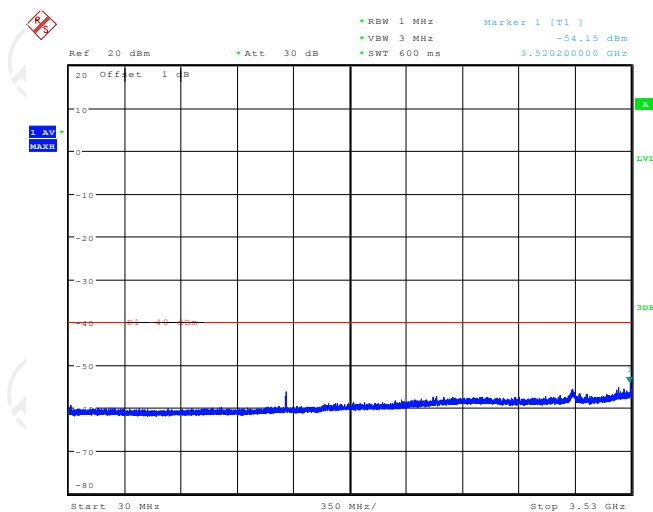


Date: 17.APR.2022 13:30:05

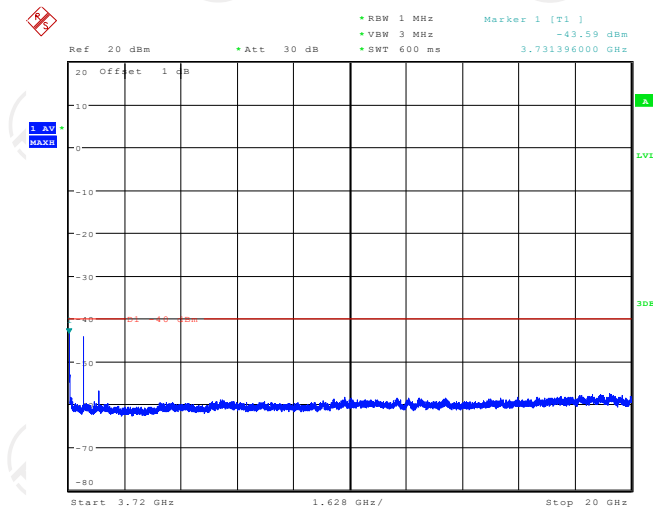


Date: 17.APR.2022 13:31:13

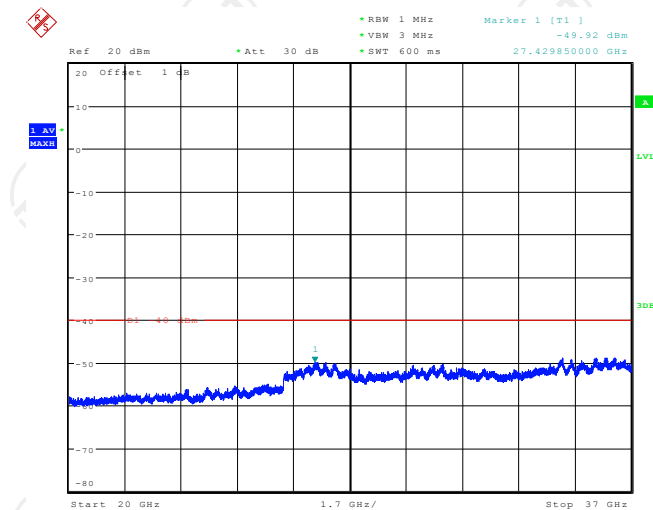
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Date: 17.APR.2022 13:32:08



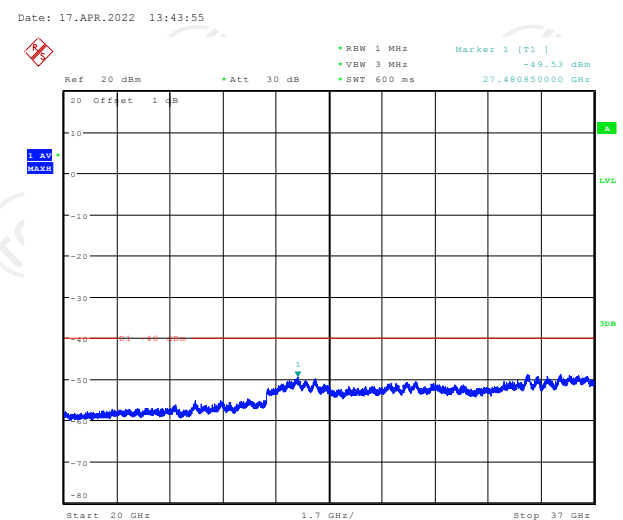
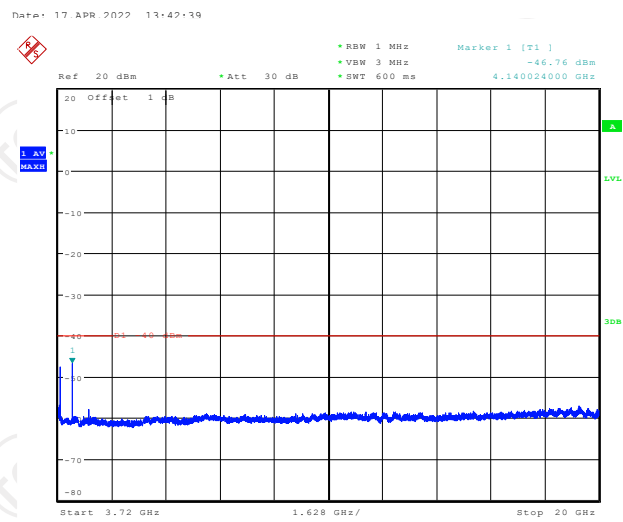
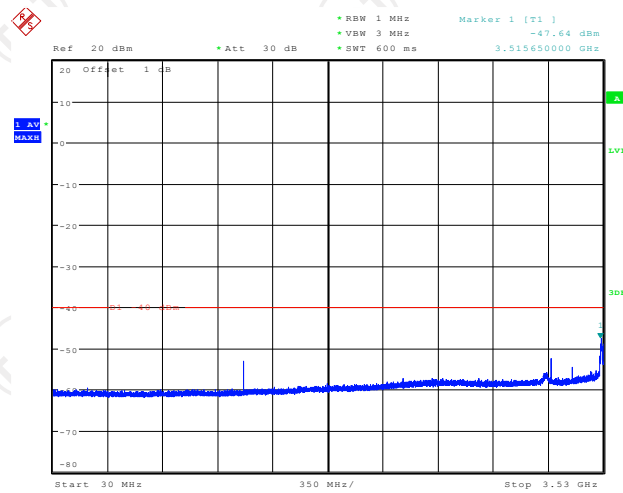
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Date: 17.APR.2022 13:33:07

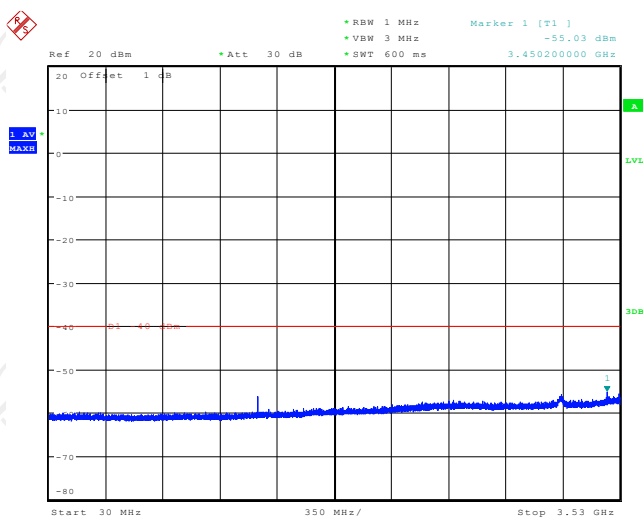
Ant1

3MHz-DSSS-3555

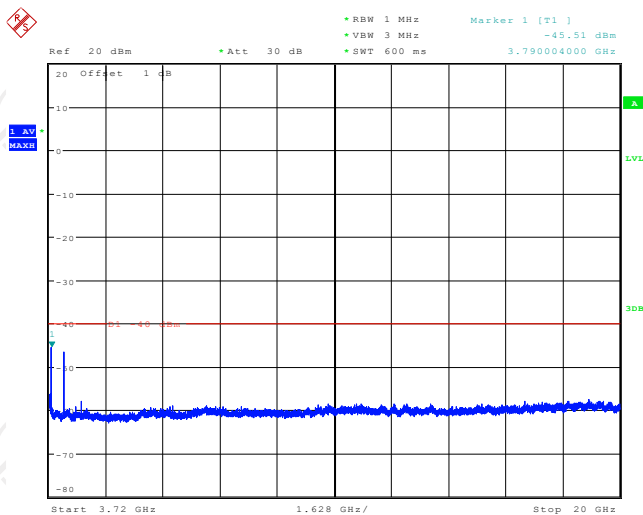


Date: 17 APR 2022 13:44:26

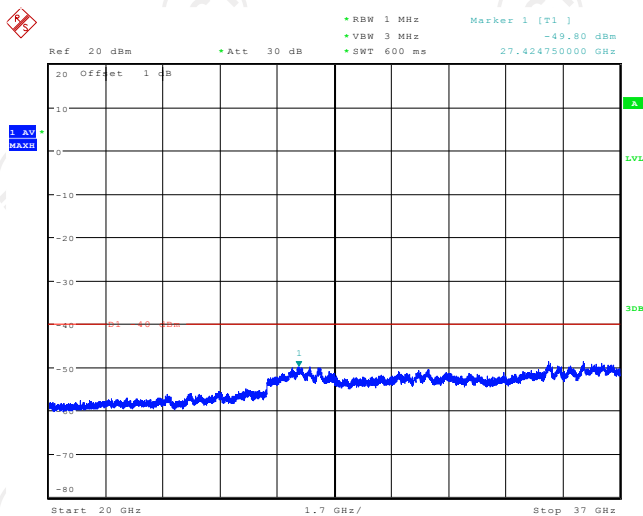
3MHz-DSSS-3625



Date: 17.APR.2022 13:45:22

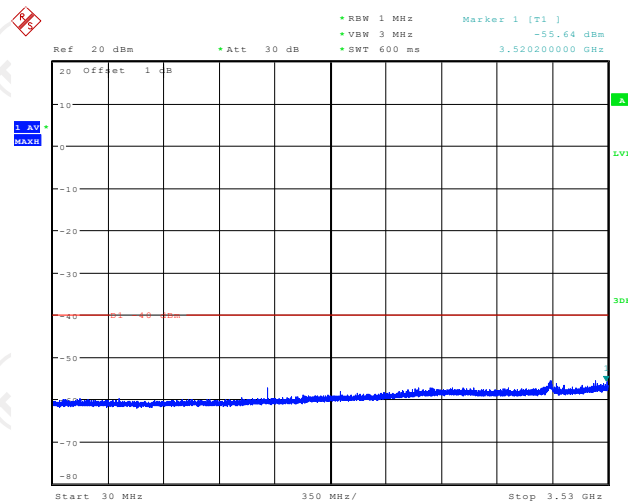


Date: 17.APR.2022 13:45:47

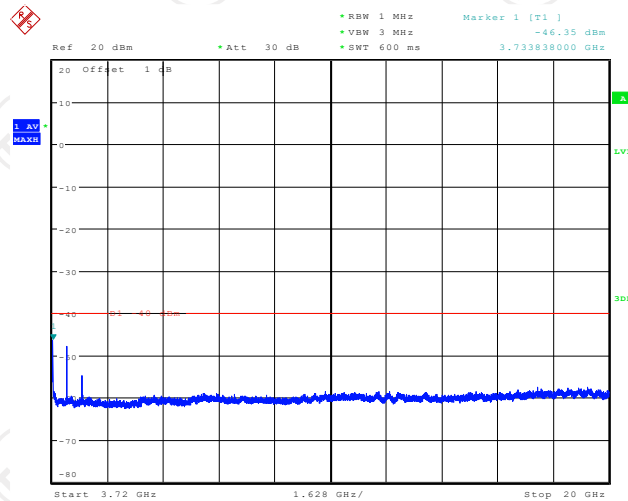


Date: 17.APR.2022 13:47:10

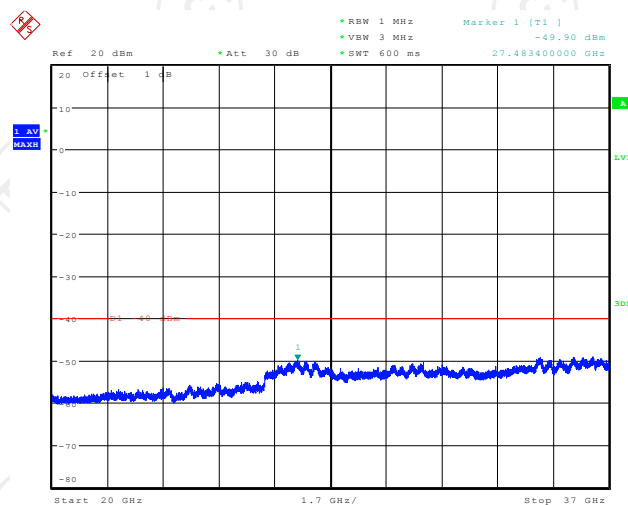
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Date: 17.APR.2022 13:47:50

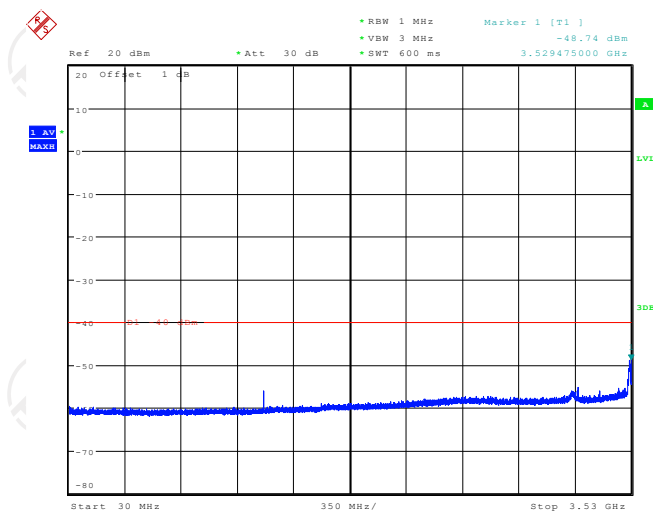


Date: 17.APR.2022 11:48:14

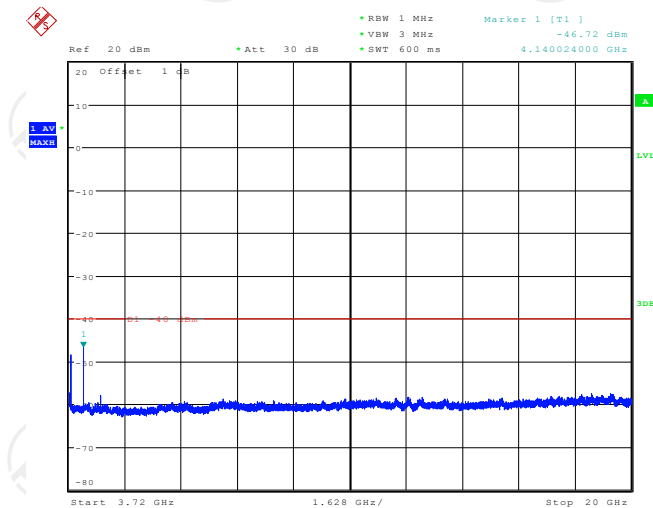


Date: 17.APR.2022 13:48:05

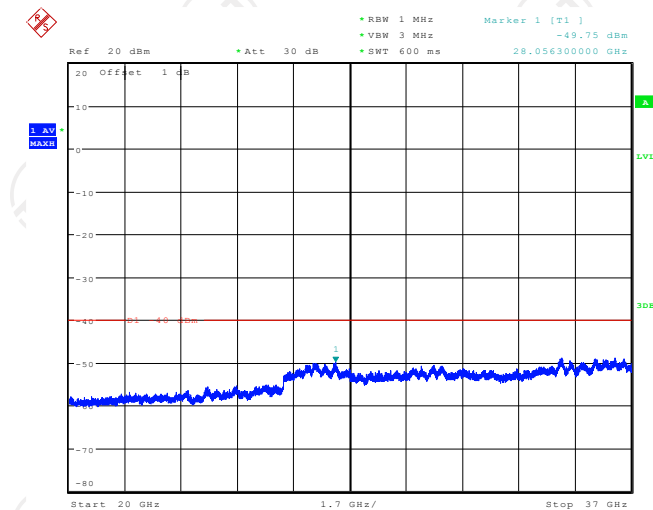
3MHz-OFDM-3555



Date: 17.APR.2022 13:50:11

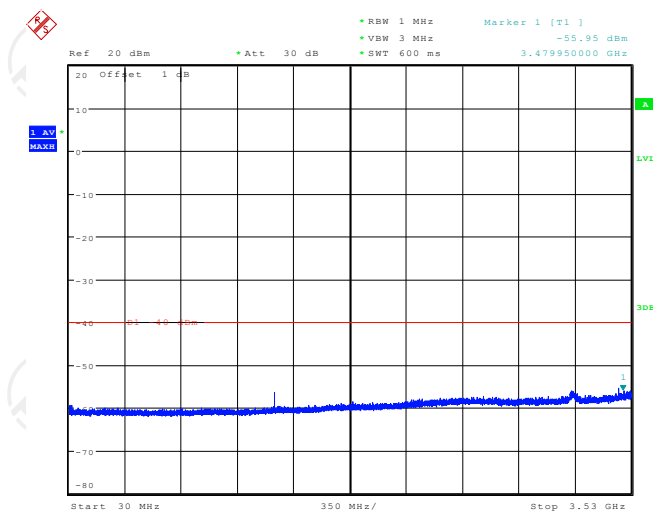


Date: 17.APR.2022 13:50:59

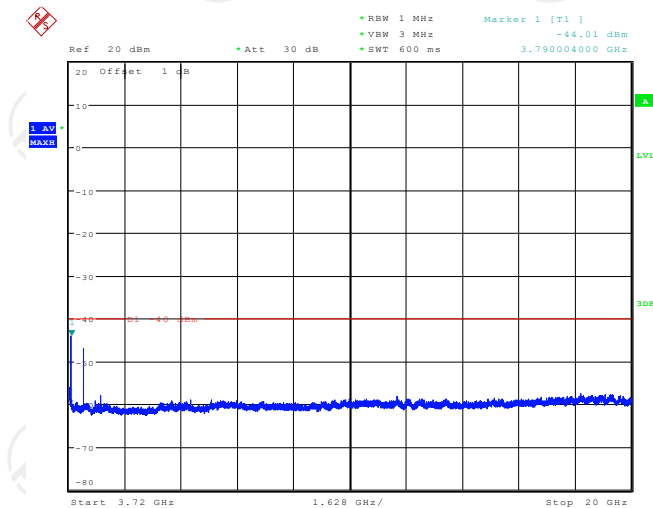


Date: 17.APR.2022 13:51:18

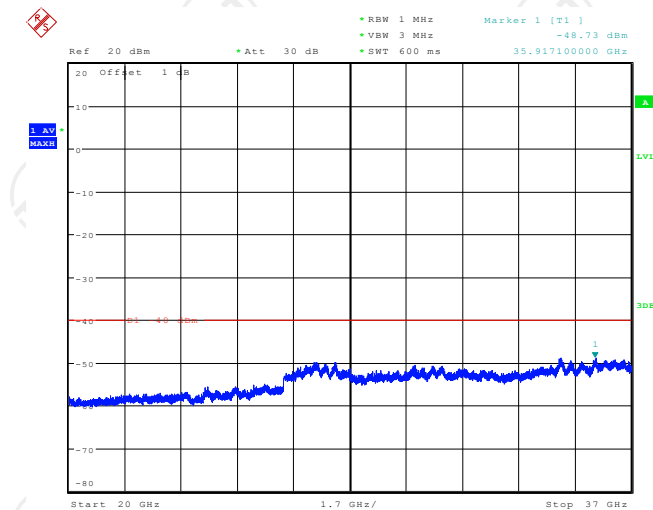
3MHz-OFDM-3625



Date: 17.APR.2022 13:51:48

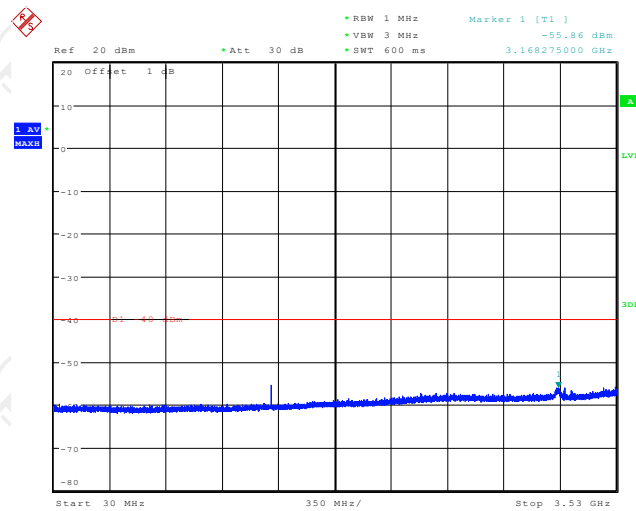


Date: 17.APR.2022 13:52:15

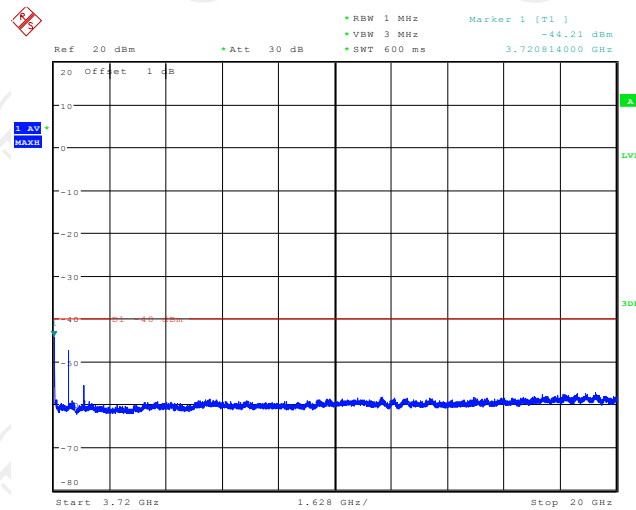


Date: 17.APR.2022 13:52:32

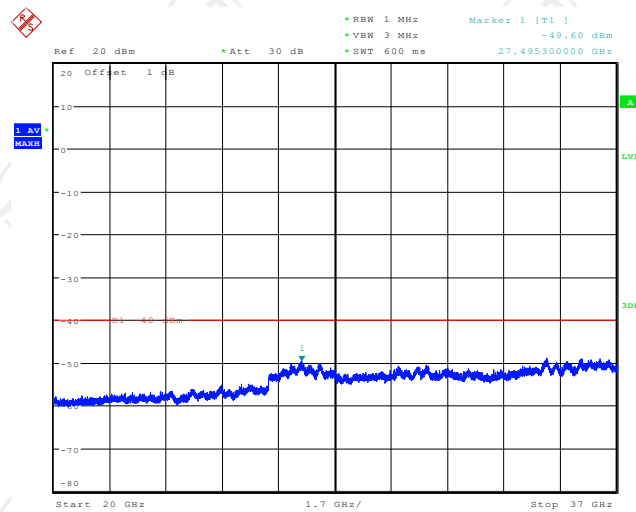
3MHz-OFDM-3695



Date: 17.APR.2022 13:53:13

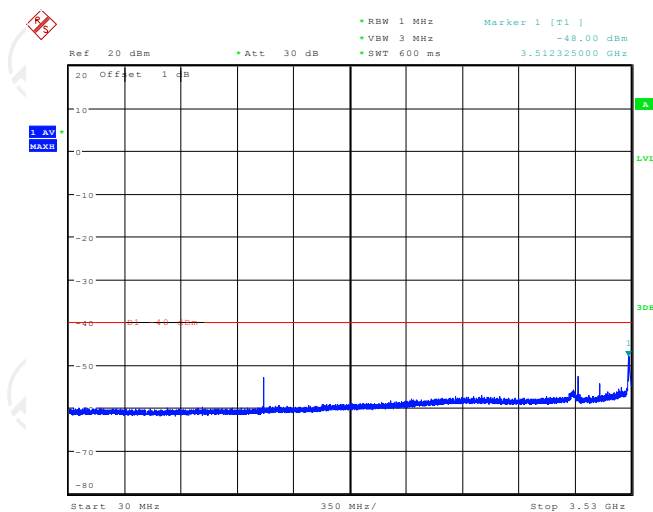


Date: 17.APR.2022 13:53:41

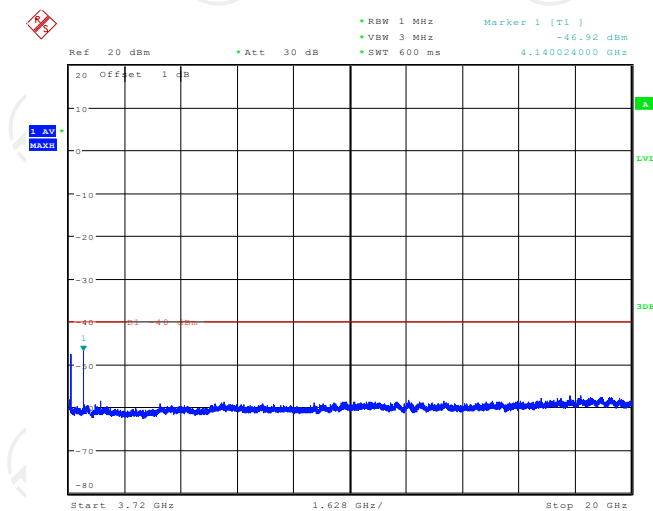


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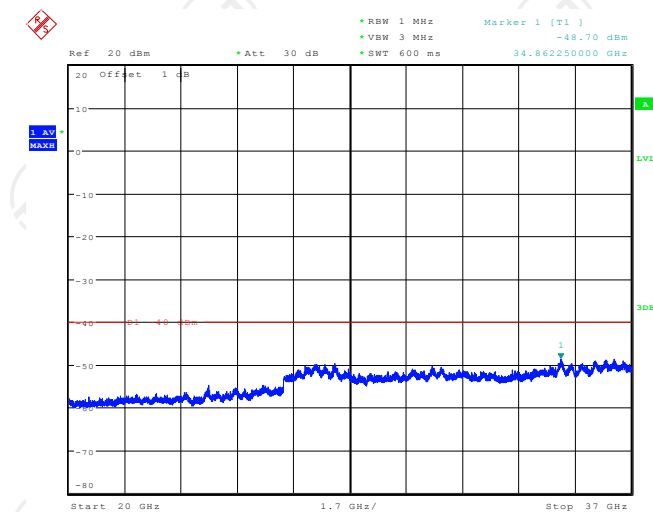
5MHz-DSSS-3555



Date: 17.APR.2022 13:54:51

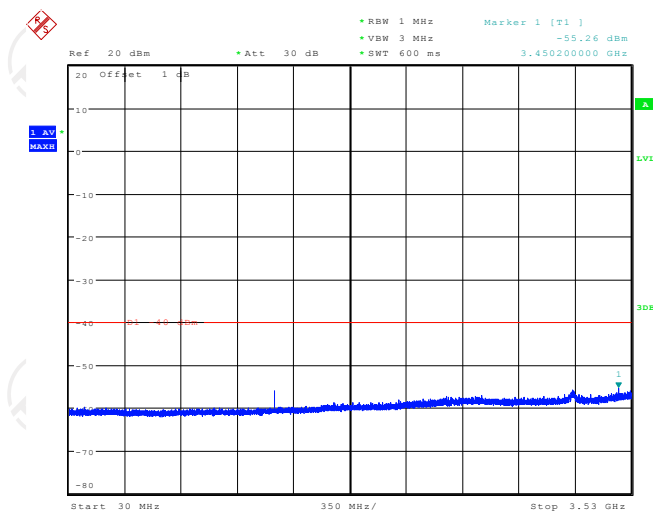


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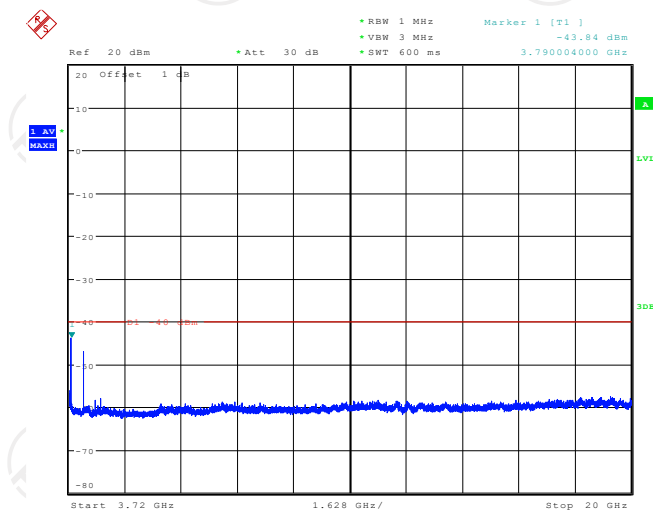


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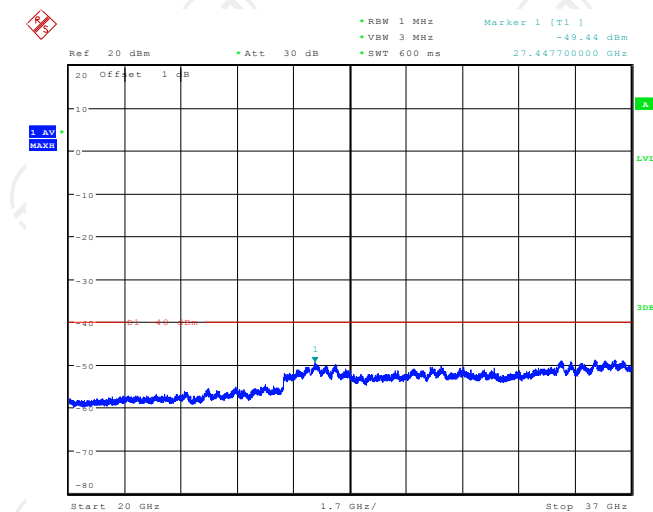
5MHz-DSSS-3625



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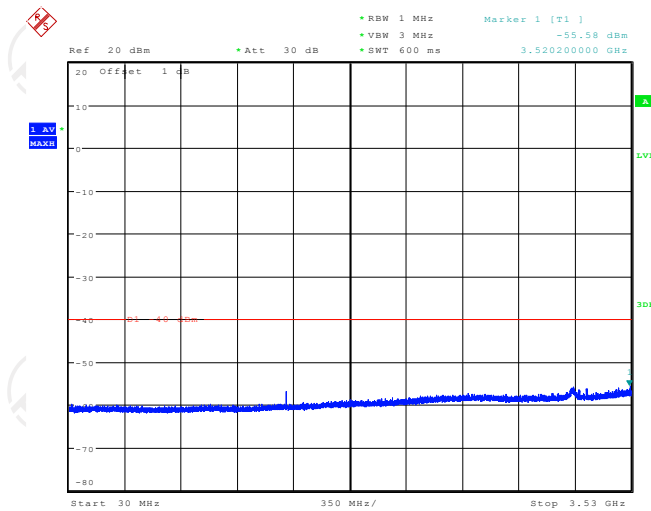


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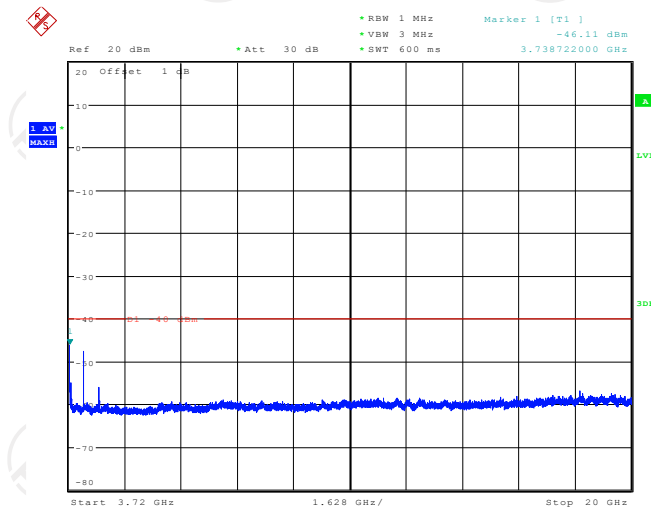


Date: 17.APR.2022 14:01:24

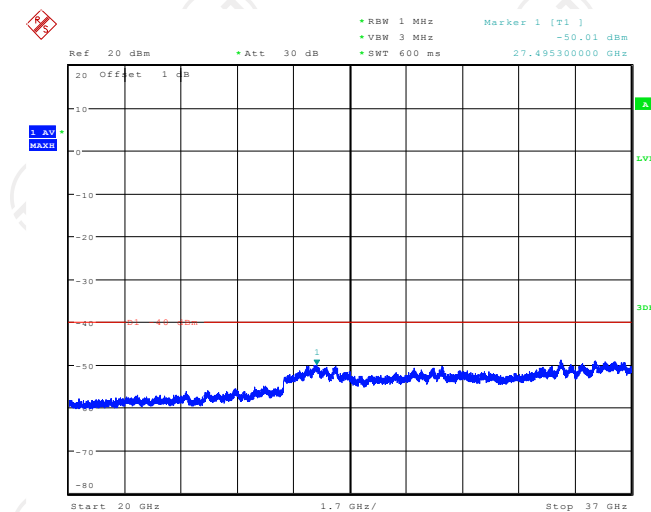
5MHz-DSSS-3695



Date: 17.APR.2022 14:02:34

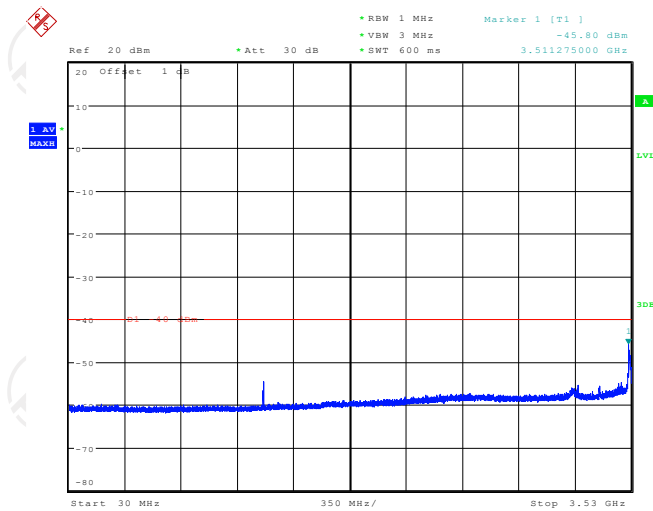


Date: 17.APR.2022 14:02:59

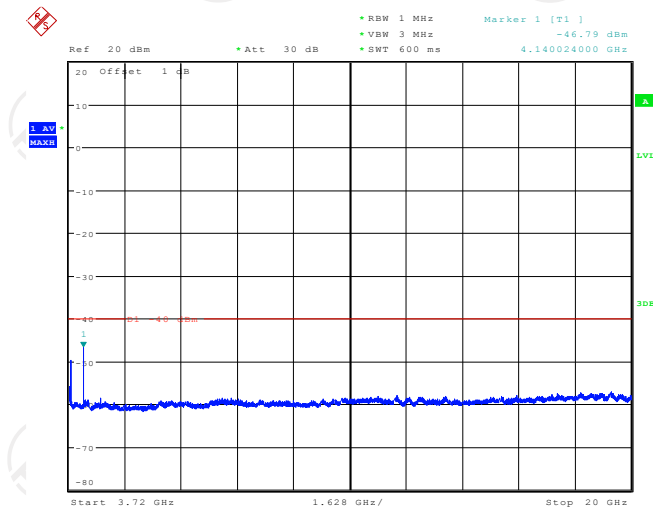


Date: 17.APR.2022 14:03:18

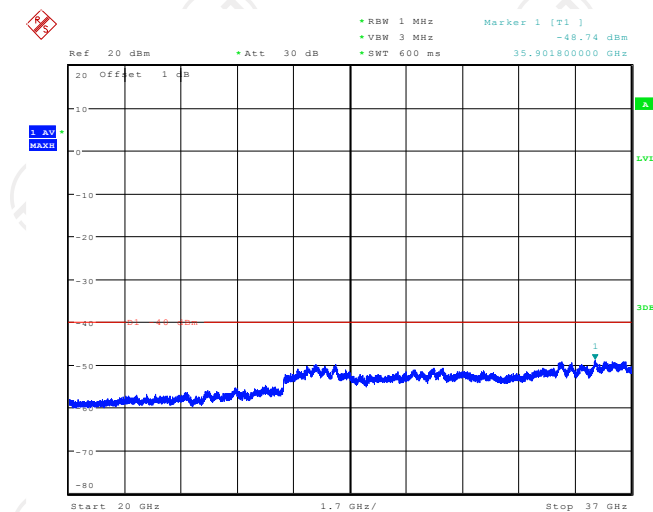
5MHz-OFDM-3555



Date: 17.APR.2022 14:04:45

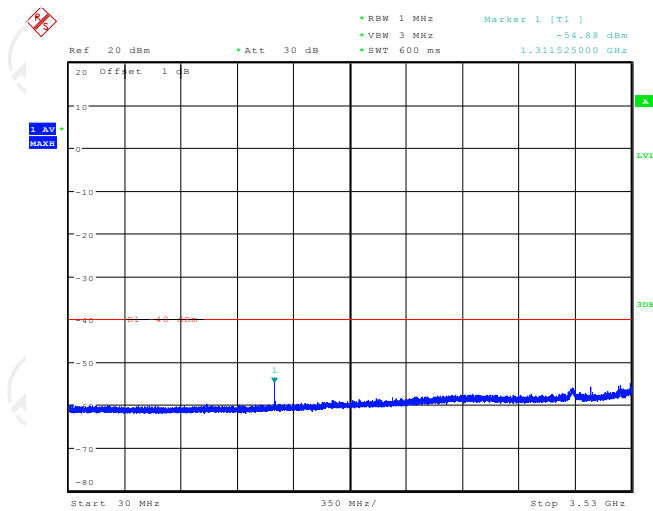


Date: 17.APR.2022 14:08:28

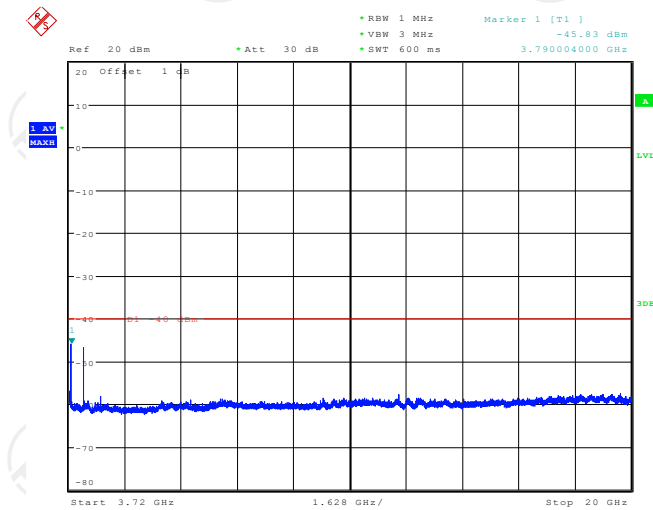


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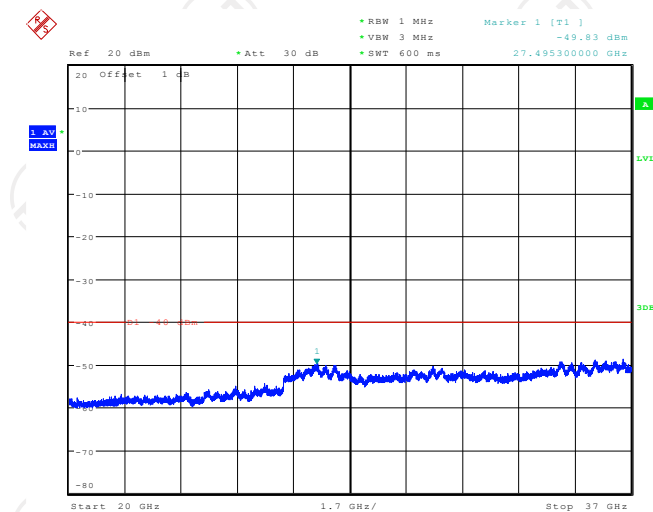
5MHz-OFDM-3625



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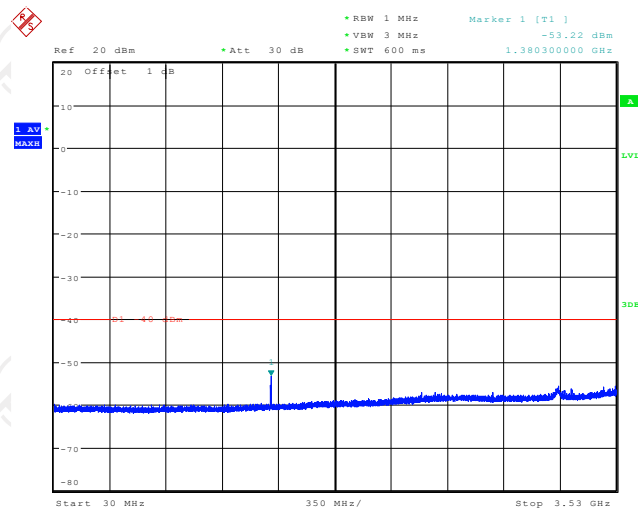


Date: 17.APR.2022 14:10:17

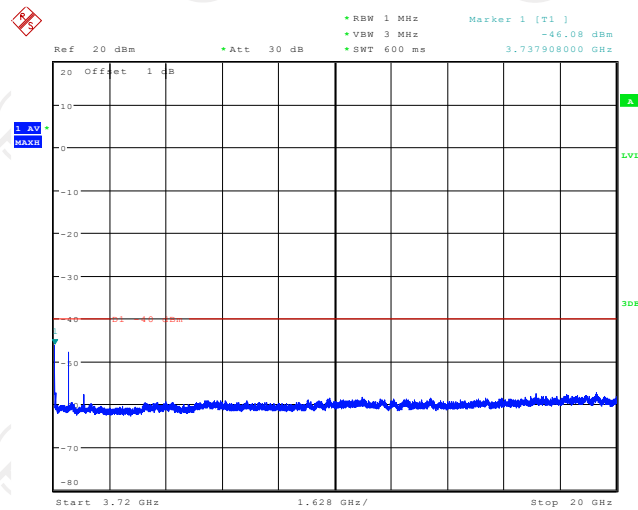


Date: 17.APR.2022 14:10:38

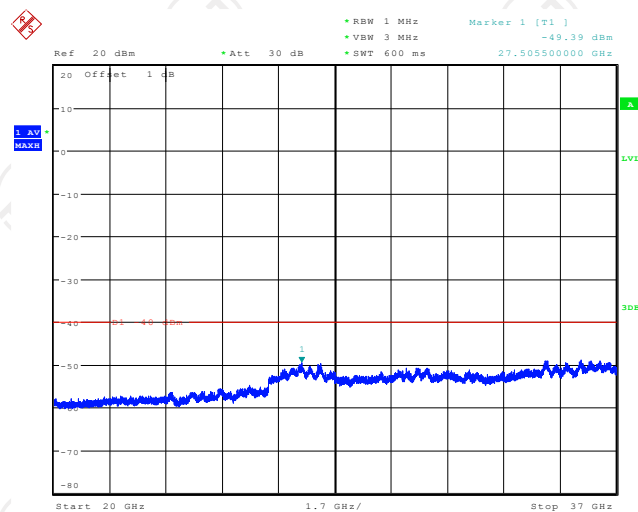
5MHz-OFDM-3695



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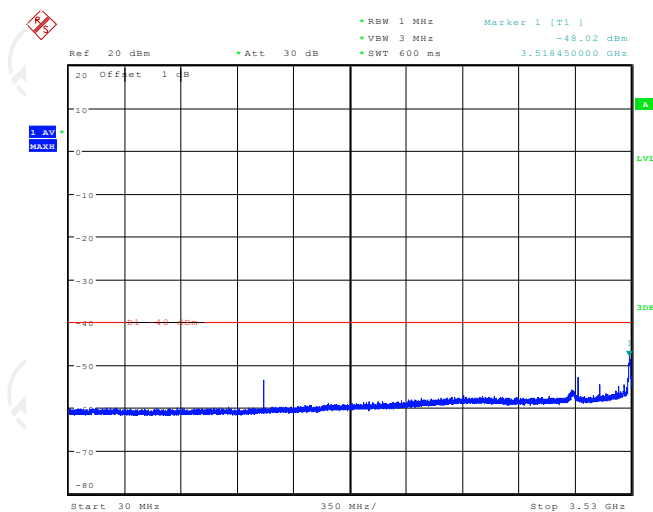


Date: 17.APR.2022 14:12:02

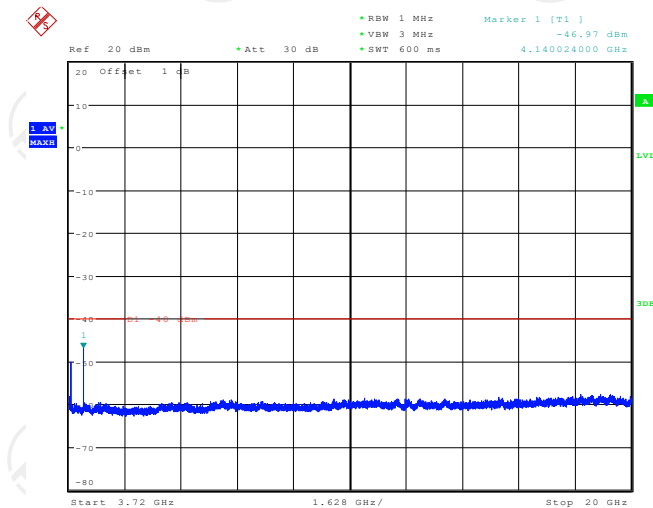


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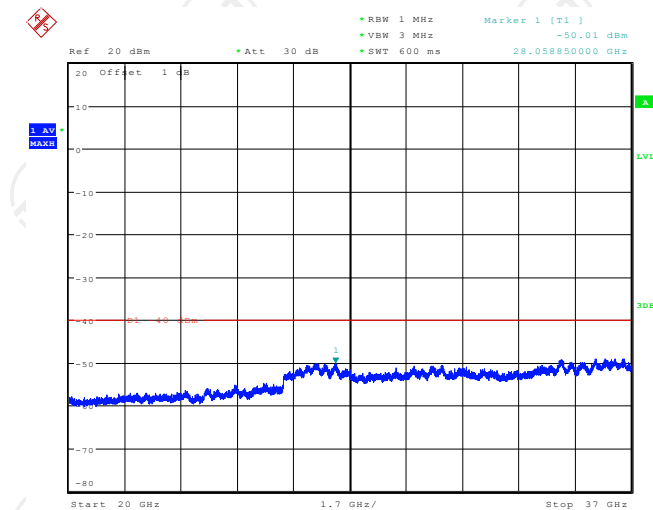
10MHz-DSSS-3555



Date: 17.APR.2022 14:13:33

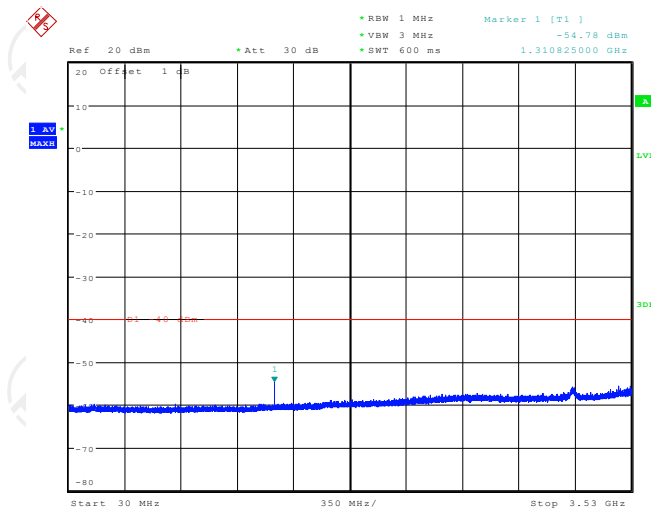


Date: 17.APR.2022 14:14:00

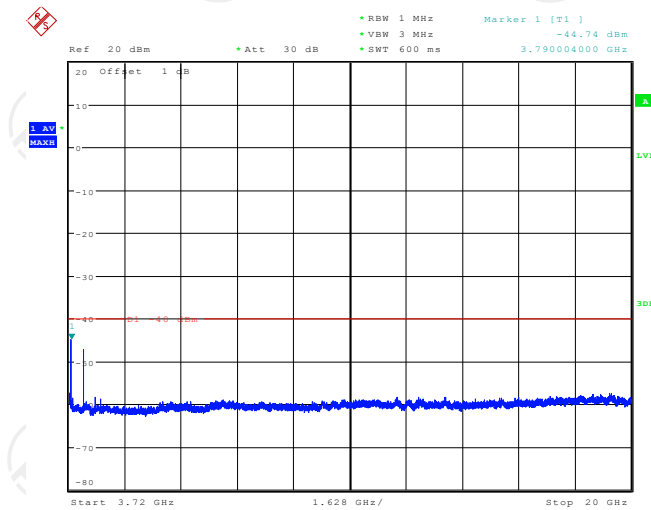


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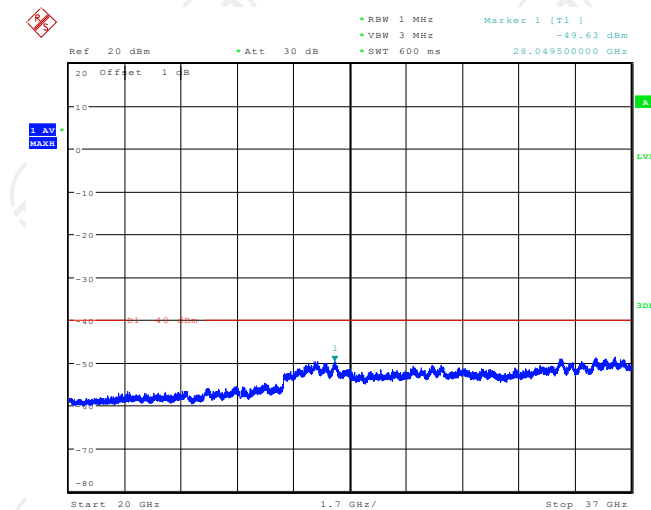
10MHz-DSSS-3625



Date: 17.APR.2022 14:15:12

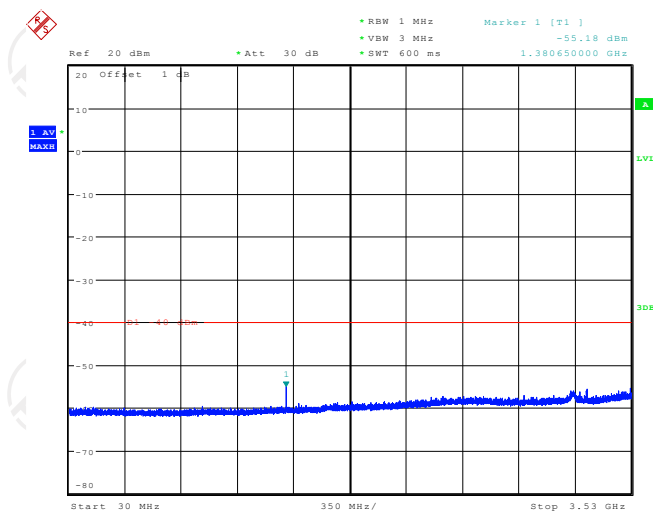


Date: 17.APR.2022 14:15:40

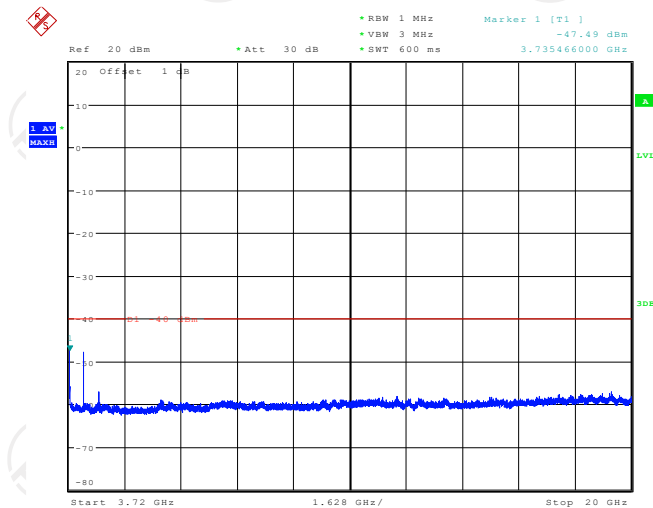


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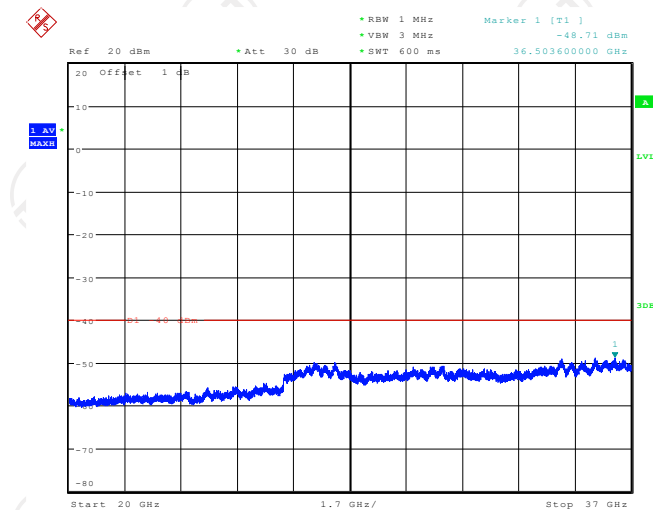
10MHz-DSSS-3695



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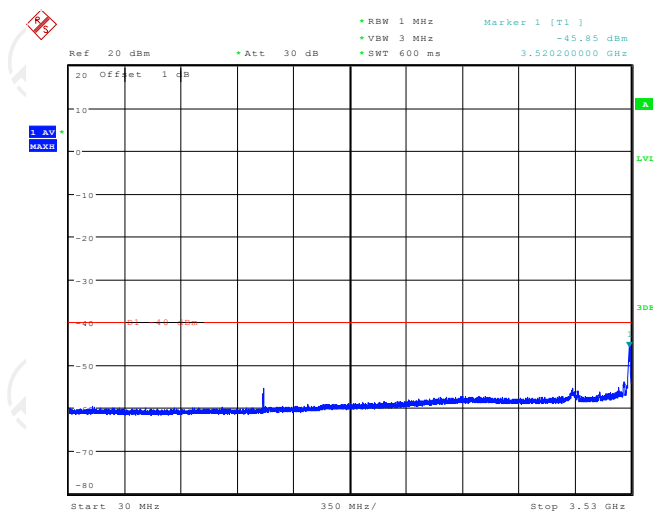


Date: 17.APR.2022 14:19:04

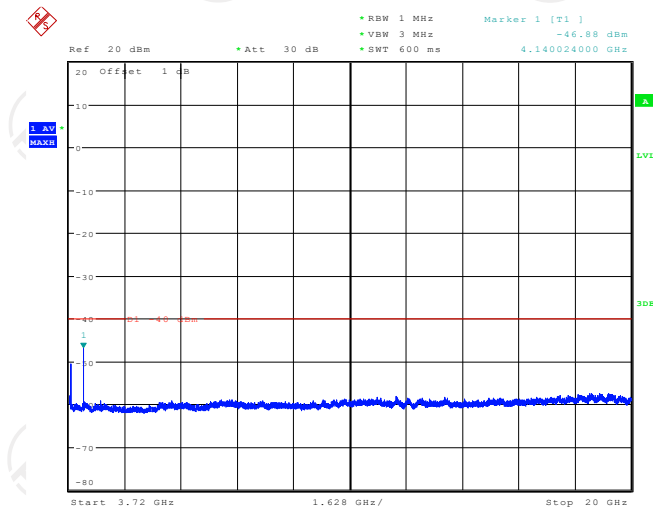


Date: 17.APR.2022 14:19:20

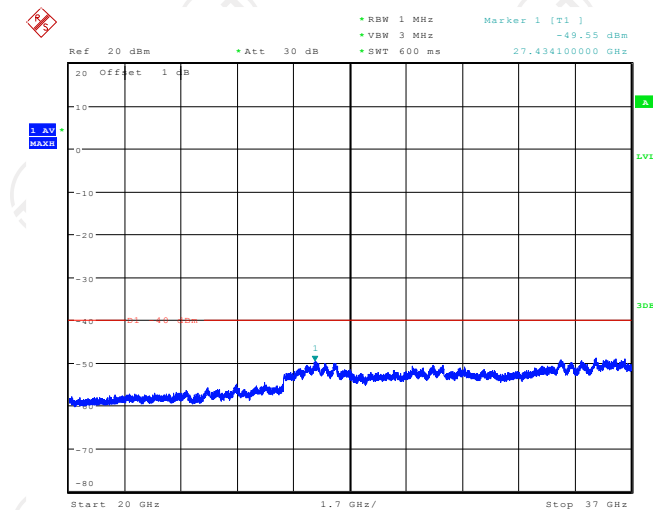
10MHz-OFDM-3555



Date: 17.APR.2022 14:20:12

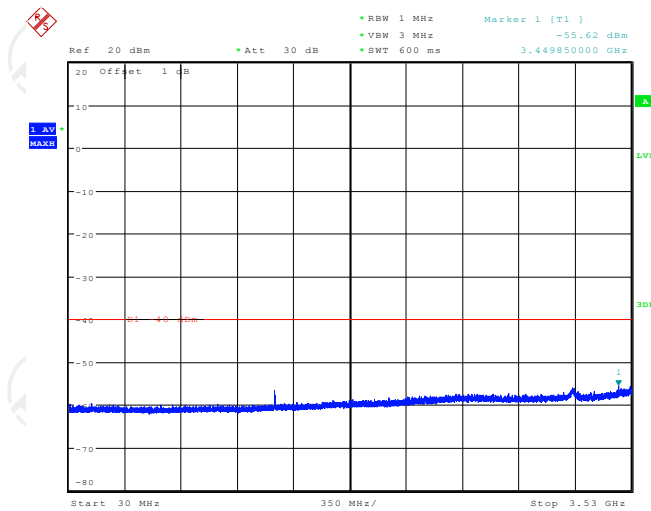


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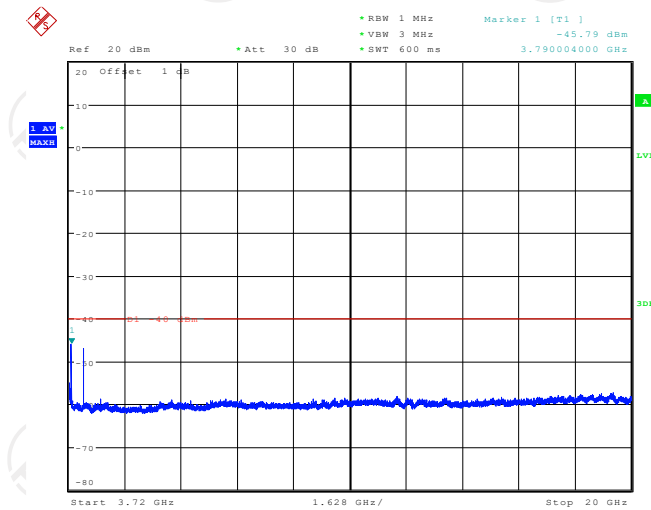


Date: 17.APR.2022 14:21:12

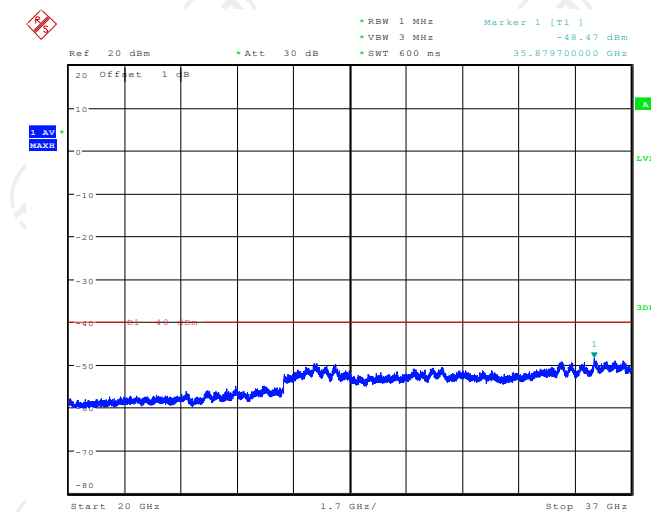
10MHz-OFDM-3625



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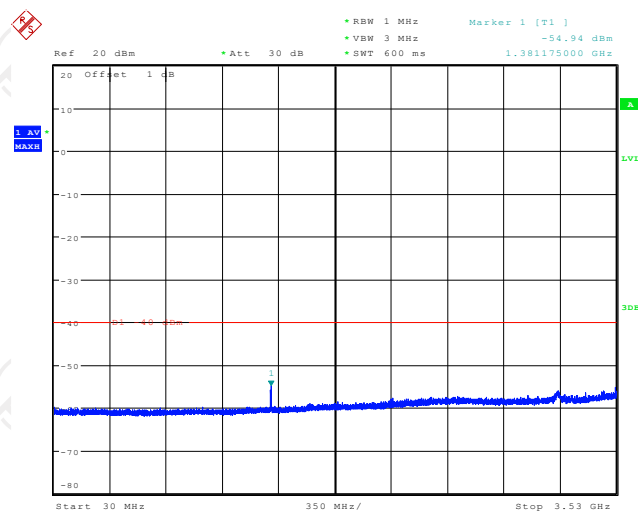


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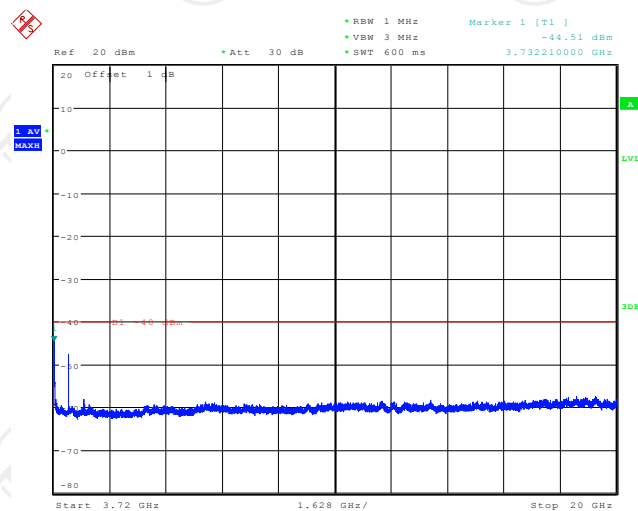


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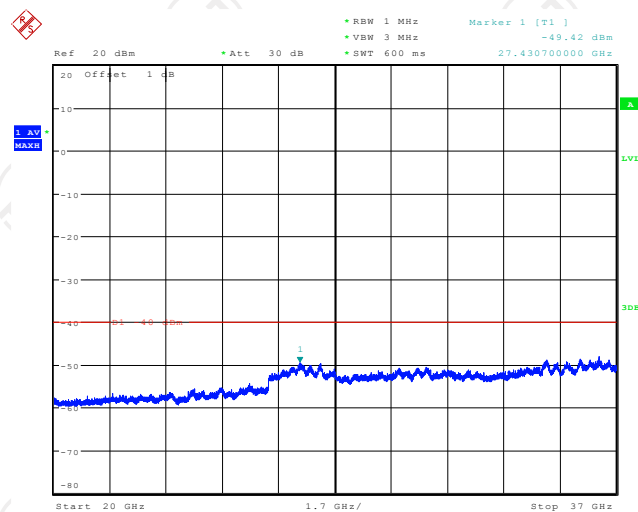
10MHz-OFDM-3695



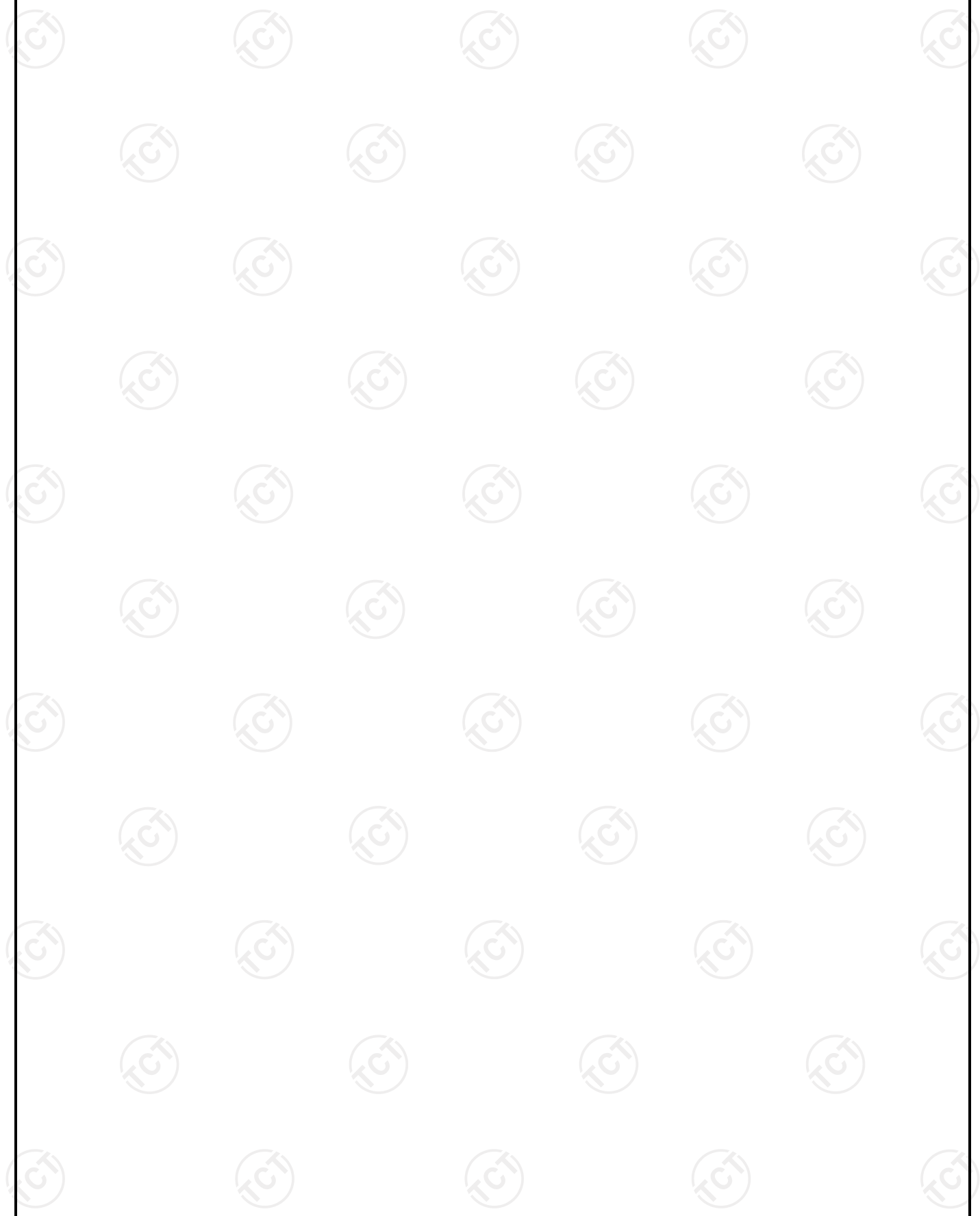
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Date: 17.APR.2022 14:24:07

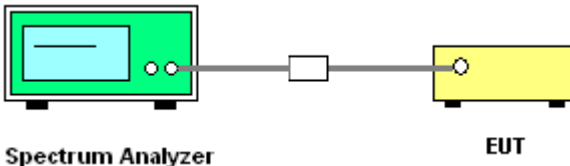


Date: 17.APR.2022 14:24:50



5.5. Power Spectral Density (PSD)

5.5.1. Test Specification

Test Requirement:	FCC part 96.41(b)(c)								
Test Method:	FCC KDB 971168 D01v03r01								
Limit:	<table> <tr> <th>Device</th><th>Maximum PSD (dBm/MHz)</th></tr> <tr> <td>End User Device</td><td>n/a</td></tr> <tr> <td>Category A CBSD</td><td>20</td></tr> <tr> <td>Category B CBSD¹</td><td>37</td></tr> </table>	Device	Maximum PSD (dBm/MHz)	End User Device	n/a	Category A CBSD	20	Category B CBSD ¹	37
Device	Maximum PSD (dBm/MHz)								
End User Device	n/a								
Category A CBSD	20								
Category B CBSD ¹	37								
Test Setup:	 The diagram illustrates the test setup. On the left is a green box labeled 'Spectrum Analyzer'. A line connects it to a small white box labeled 'Attenuator'. Another line connects the attenuator to a yellow box labeled 'EUT'.								
Test Procedure:	1. The RF output of EUT was connected to the spectrum analyzer by RF cable and attenuator. The path loss was compensated to the results for each measurement. 2. Set to the maximum power setting and enable the EUT transmit continuously. 3. Make the measurement with the spectrum analyzer's resolution bandwidth (RBW): 1MHz. Video bandwidth VBW $\geq 3 \times$ RBW. Set the span to at least 2-3 times the OBW. 4. Detector = RMS, Sweep time = auto couple. 5. Employ trace averaging (RMS) mode over a minimum of 100 traces. Use the peak marker function to determine the maximum power level. 6. Measure and record the results in the test report.								
Test results:	PASS								

5.5.2. Test Instruments

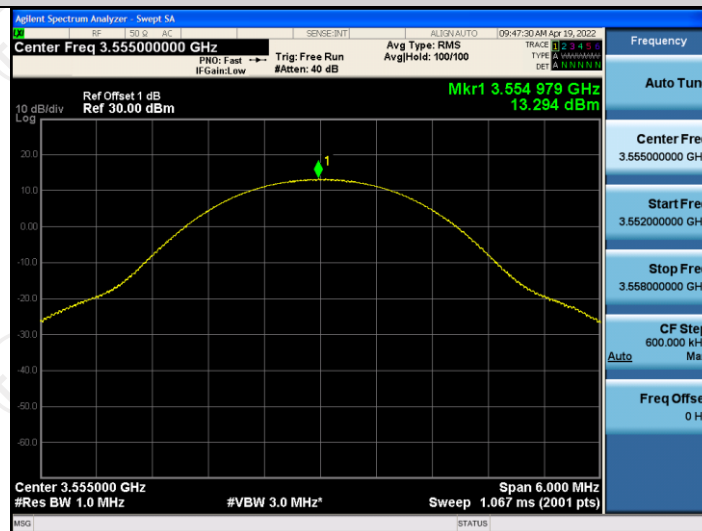
RF Test Room				
Equipment	Manufacturer	Model	Serial Number	Calibration Due
Spectrum Analyzer	Agilent	N9020A	MY49100619	Jul. 07, 2022
Spectrum Analyzer	R&S	FSQ40	200061	Jul. 07, 2022
RF Cable (9KHz-26.5GHz)	TCT	RE-06	N/A	Jul. 07, 2022
Antenna Connector	TCT	RFC-01	N/A	Jul. 07, 2022

5.5.3. Test Data

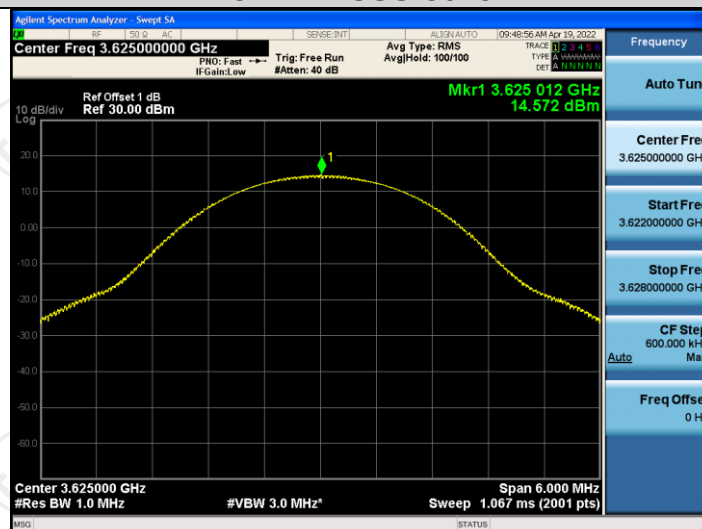
Test Mode	Band width [MHz]	Antenna	Channel	PSD [dBm/MHz]	Limit [dBm/MHz]	Verdict
DSSS	3	Ant0	3555	13.29	<=20	PASS
	3	Ant0	3625	14.57	<=20	PASS
	3	Ant0	3695	13.58	<=20	PASS
	3	Ant1	3555	13.94	<=20	PASS
	3	Ant1	3625	13.96	<=20	PASS
	3	Ant1	3695	13.25	<=20	PASS
OFDM	3	Ant0	3555	12.90	<=20	PASS
	3	Ant0	3625	14.04	<=20	PASS
	3	Ant0	3695	13.02	<=20	PASS
	3	Ant1	3555	13.14	<=20	PASS
	3	Ant1	3625	13.62	<=20	PASS
	3	Ant1	3695	12.81	<=20	PASS
DSSS	3	Ant 0+1	3555	16.64	<=20	PASS
	3	Ant 0+1	3625	17.29	<=20	PASS
	3	Ant 0+1	3695	16.43	<=20	PASS
OFDM	3	Ant 0+1	3555	16.03	<=20	PASS
	3	Ant 0+1	3625	16.85	<=20	PASS
	3	Ant 0+1	3695	15.93	<=20	PASS
DSSS	5	Ant0	3555	11.46	<=20	PASS
	5	Ant0	3625	12.75	<=20	PASS
	5	Ant0	3695	11.87	<=20	PASS
	5	Ant1	3555	12.39	<=20	PASS
	5	Ant1	3625	12.36	<=20	PASS
	5	Ant1	3695	11.89	<=20	PASS
OFDM	5	Ant0	3555	10.94	<=20	PASS
	5	Ant0	3625	11.84	<=20	PASS
	5	Ant0	3695	11.21	<=20	PASS
	5	Ant1	3555	11.10	<=20	PASS
	5	Ant1	3625	11.07	<=20	PASS
	5	Ant1	3695	10.40	<=20	PASS
DSSS	5	Ant 0+1	3555	14.96	<=20	PASS
	5	Ant 0+1	3625	15.57	<=20	PASS
	5	Ant 0+1	3695	14.89	<=20	PASS
OFDM	5	Ant 0+1	3555	14.03	<=20	PASS
	5	Ant 0+1	3625	14.48	<=20	PASS
	5	Ant 0+1	3695	13.83	<=20	PASS
DSSS	10	Ant0	3555	9.44	<=20	PASS
	10	Ant0	3625	10.73	<=20	PASS
	10	Ant0	3695	9.51	<=20	PASS
	10	Ant1	3555	10.00	<=20	PASS
	10	Ant1	3625	10.26	<=20	PASS
	10	Ant1	3695	9.33	<=20	PASS
OFDM	10	Ant0	3555	8.25	<=20	PASS
	10	Ant0	3625	10.03	<=20	PASS

	10	Ant0	3695	8.98	<=20	PASS
	10	Ant1	3555	9.10	<=20	PASS
	10	Ant1	3625	9.18	<=20	PASS
	10	Ant1	3695	8.41	<=20	PASS
DSSS	10	Ant 0+1	3555	12.74	<=20	PASS
	10	Ant 0+1	3625	13.51	<=20	PASS
	10	Ant 0+1	3695	12.43	<=20	PASS
OFDM	10	Ant 0+1	3555	11.71	<=20	PASS
	10	Ant 0+1	3625	12.64	<=20	PASS
	10	Ant 0+1	3695	11.71	<=20	PASS

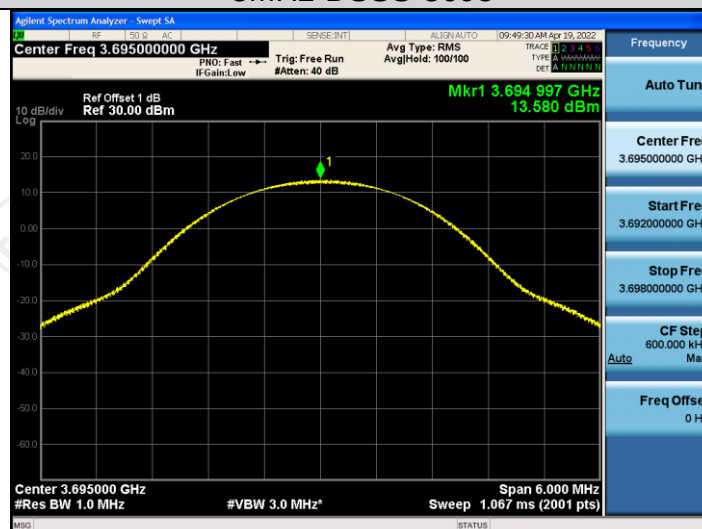
3MHz-DSSS-3555



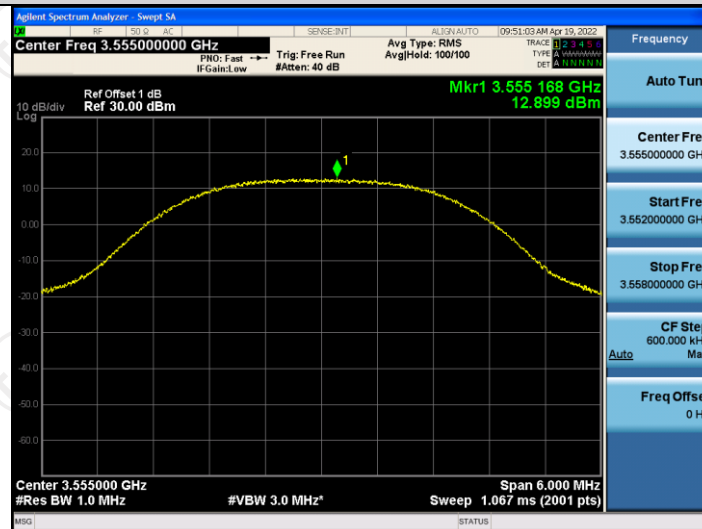
3MHz-DSSS-3625



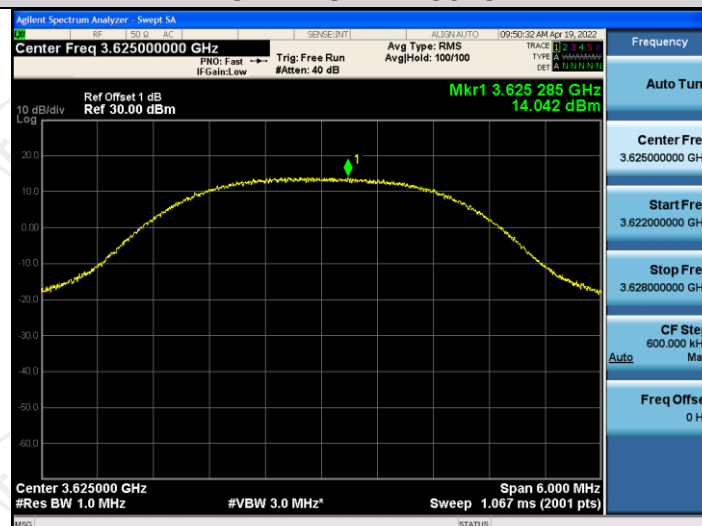
3MHz-DSSS-3695



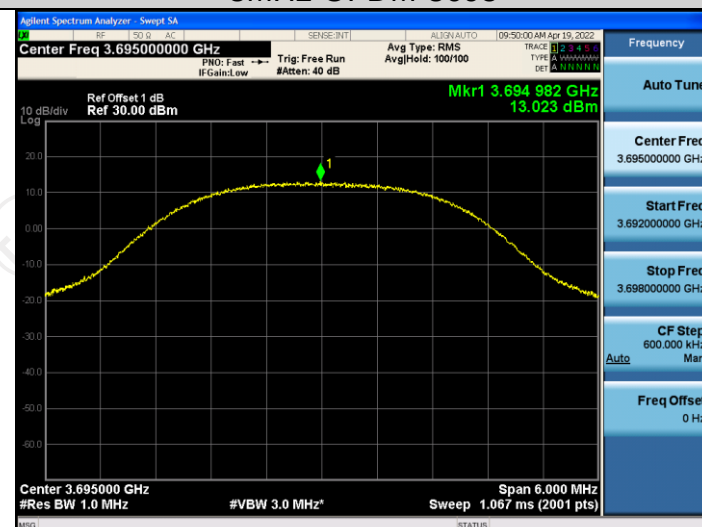
3MHz-OFDM-3555



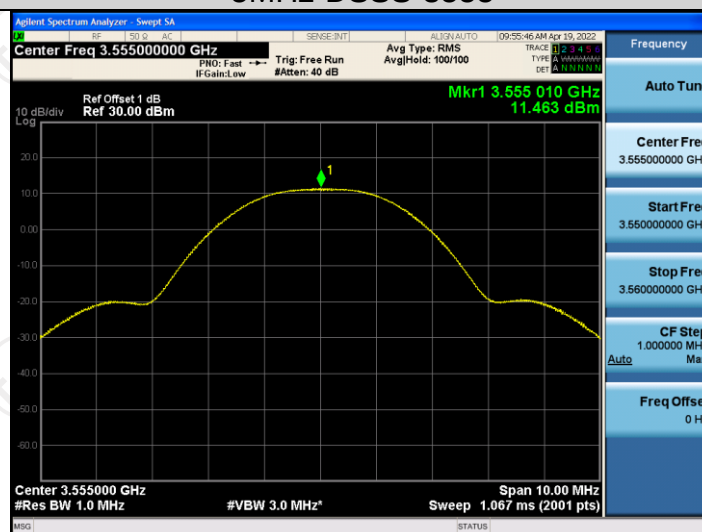
3MHz-OFDM-3625



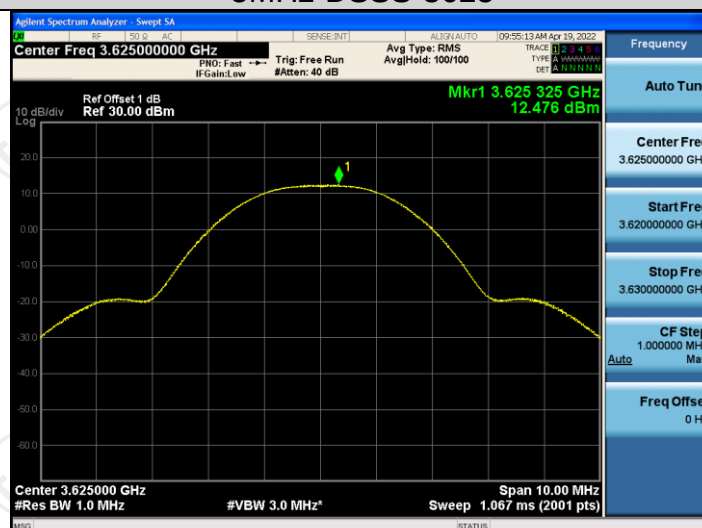
3MHz-OFDM-3695



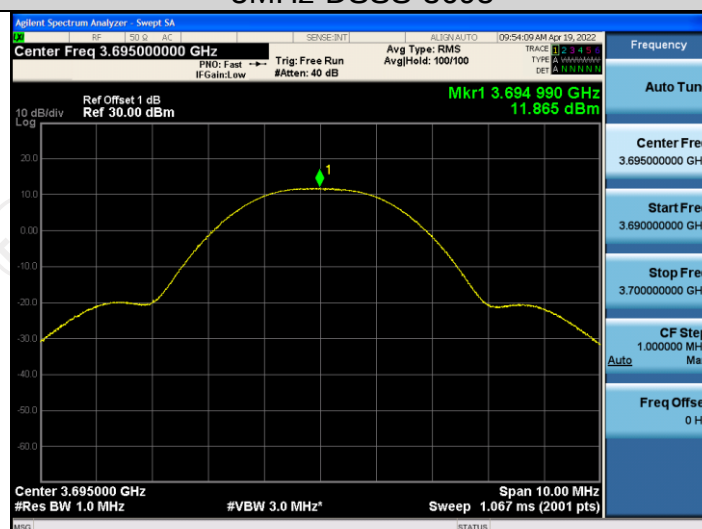
5MHz-DSSS-3555



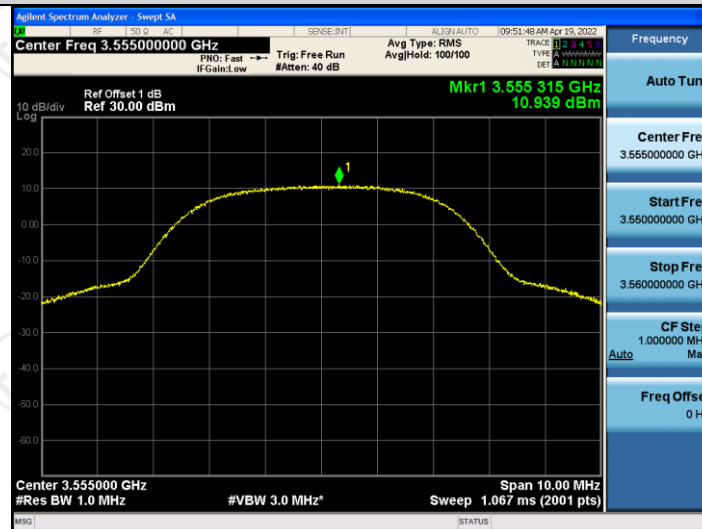
5MHz-DSSS-3625



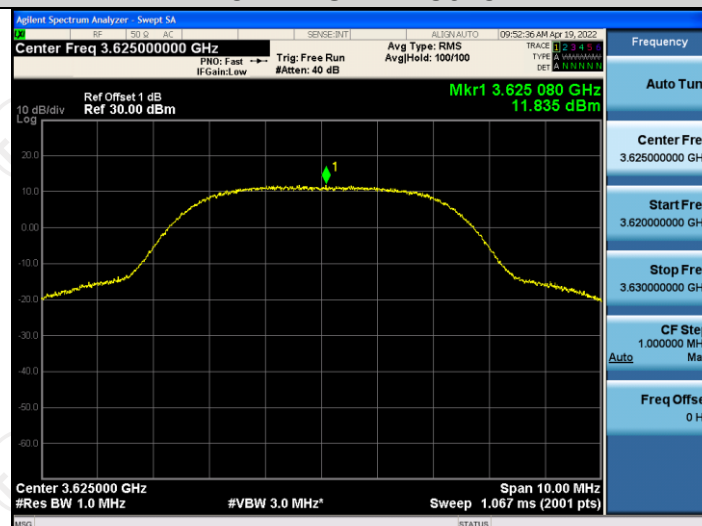
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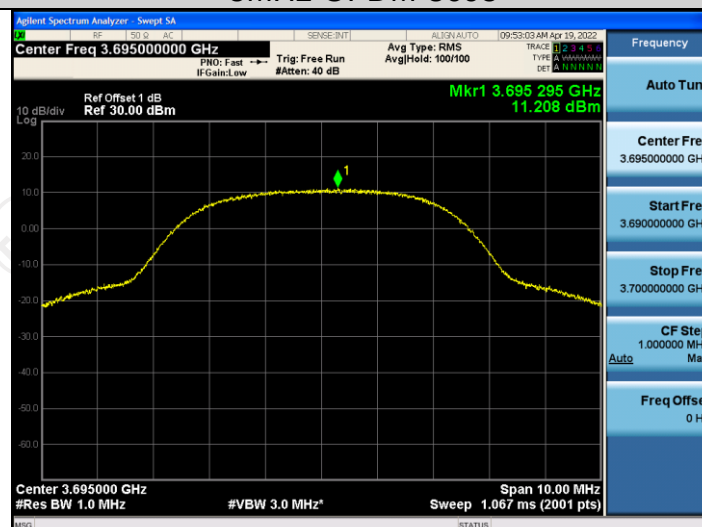
5MHz-OFDM-3555



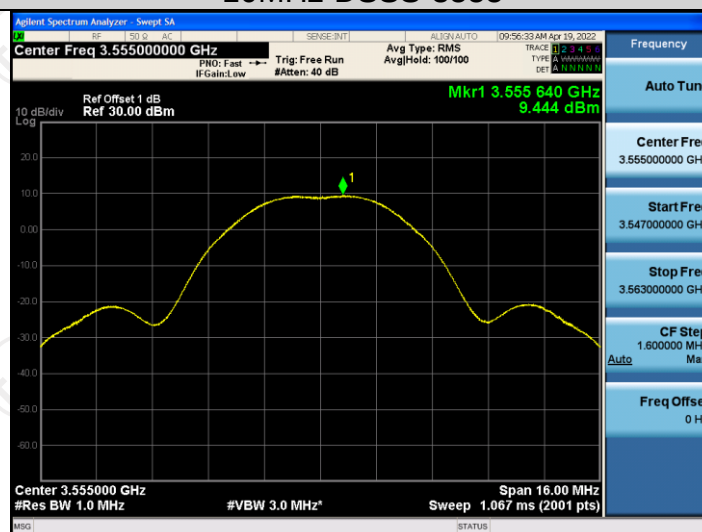
5MHz-OFDM-3625



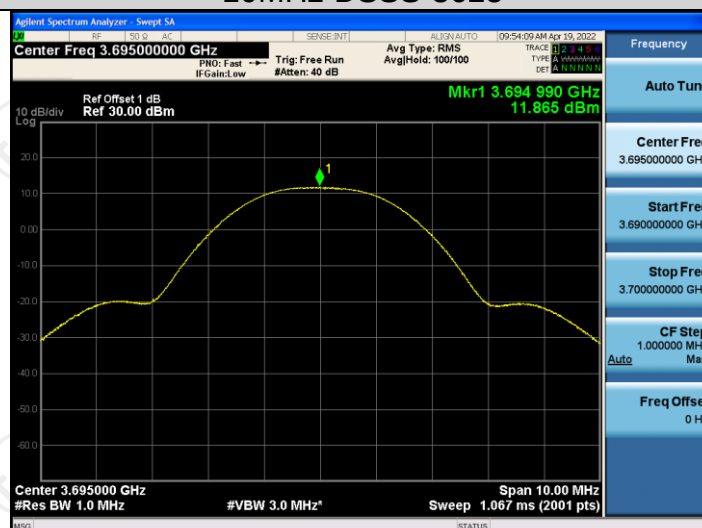
5MHz-OFDM-3695



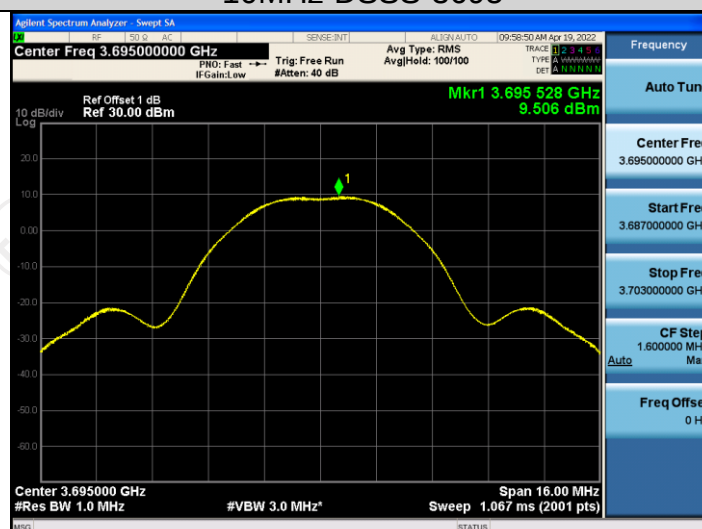
10MHz-DSSS-3555



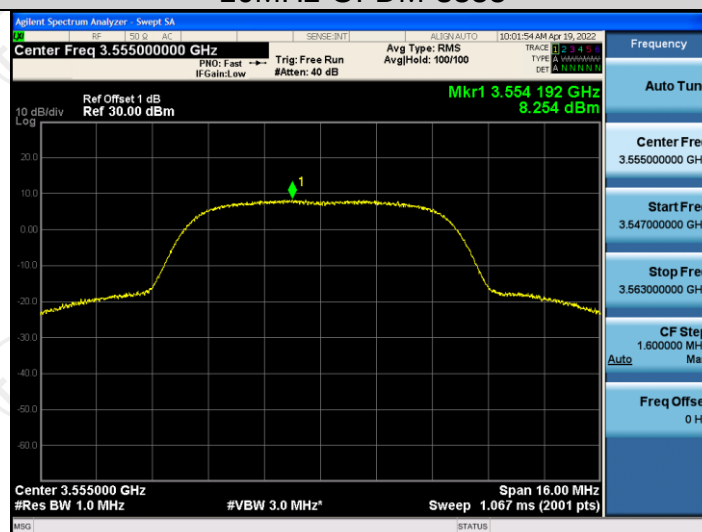
10MHz-DSSS-3625



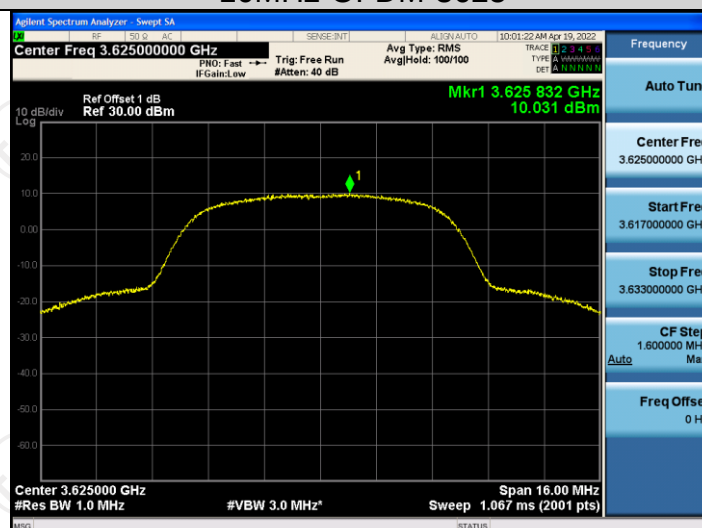
10MHz-DSSS-3695



10MHz-OFDM-3555



10MHz-OFDM-3625



10MHz-OFDM-3695

